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AIMS AND ADVANTAGES OF THE ANCIENT CLASSICS.

BY PROFESSOR J. W. REDD.

Our Colleges are offering more courses of study each year, and the system of education is manifold and often complex. Our young men, from their zeal to begin life's work, are apt to overestimate immediate results, to choose less difficult subjects and to undervalue what is more paramount and valuable. Thus, often, there is a failure in laying that foundation so essential for the best results of life, and it is opportune to call attention briefly to the aims and advantages of the ancient literatures of Greece and Rome, that have maintained the intellectual and moral life of the world for centuries. The time necessary for these so-called severer studies serves also as a wholesome corrective to the baneful haste in preparing for life's duties; these studies give the best training and the best preparation for professional life; they are practical and useful, and also of the greatest value in contributing to culture. Our co-ordination of studies should endeavor to offer what is best morally, mentally and physically for all classes of students. How to awaken thought, to discipline the mind, to teach virtues, to mould character, to determine what is right and what is false, what can be and what cannot be, how to unfold or develop that within us, such are the questions that suggest themselves in the vital forces of education today. Now, the ancient classics in their ethics and philosophy, answer for us these very questions, for they were discovered long ago. Nor have the dialectic and ethical teachings of the ancient philosophers been surpassed. And so these ancient literatures are eminently practical and useful today. Moreover, they form such an integral part of modern life and civilization that the ancient and modern are inseparable. These severer classical studies expand our intellectual faculties, strengthen the memory, assist the judgment in the modes of analysis, develop the reason and stimulate the imagination. In the study of language, government, history, jurisprudence, literature, medicine, art, in the

questions of public and of private life, indeed in almost every subject of investigation we go involuntarily and of necessity to the ancient classics as the source and basis of all our intellectual efforts. In the study of our modern languages and literatures, who can enjoy them without some knowledge of the ancient? Who can understand and interpret Shakespeare without knowledge and appreciation of the classics? So, while English is to us the most essential of all studies, historically or etymologically, we depend upon the classics to explain a large number of our own words, thoughts and references, and without them we often fail to appreciate the meaning, the charm or fascination of the passage. A knowledge of these ancient classics is invaluable and essential; there can be no substitute for them. In the words of Dr. Gildersleeve, "They have marked out our course; they have dug our channels of thought and action. We build on Greek lines of architecture; we march in Roman highways of law; we follow Greek and Roman patterns of political and social life. Not to understand these forces, these norms, is not to understand ourselves." And again, John Stuart Mill says: "The discoveries of the ancients in science have been greatly surpassed, and as much of them as is still valuable loses nothing by being incorporated in modern treatises; but what does not so well admit of being transferred bodily, and has been very imperfectly carried off even piecemeal, is the treasure which they accumulated of what may be called the wisdom of life; the rich store of experience of human nature and conduct, which the active and observing mind of those ages, aided in their observations by the greater simplicity of measures and life, consigned to their writings, and most of which retains all its value. The speeches in Thucydides, the rhetoric, ethics and politics of Aristotle, the Dialogues of Plato, the Orations of Demosthenes, the Satires, and especially the Epistles of Horace, all the writings of Tacitus, the great work of Quintilian, a repertory of the best thoughts of the ancient world are all subjects connected with education; and, in a less formal manner, all that is left to us of the ancient historians, orators, philosophers, and even dramatists, are replete with remarks and maxims of similar good sense and penetration, applicable both to political

ANCIENT CLASSICS

and to private life; and the actual truths we find in them are even surpassed in value by the encouragement and help they give us in the pursuit of truth."

Therefore, the aims and aspirations of teachers of these ancient classics should be to use the best methods in teaching them, to arouse an interest and enthusiasm in these models of literature, so beautiful in form of expression, and together with the training and discipline of the mind, to seek the highest virtues and lay the foundation for the highest degree of culture the world has known.

THE TEACHING OF GERMAN IN SECONDARY SCHOOLS.

BY DR. T. LINDSEY BLAYNEY.

As a result of the recognition of the great value of the German language, the better institutions of learning throughout the country now confer the Bachelor of Arts degree upon candidates for graduation who present either Greek or German. It has been the policy of Central University to be conservative regarding any radical changes in curriculum, and not till this year has the Board of Trustees seen its way clear for taking this important step. Having been convinced of the justice of the claims of those who advocated the recognition of German, and encouraged by the results shown to have been attained thereby in practically all of the greater colleges and universities of this country and Europe, the Board at a recent meeting adopted the policy of permitting either Greek or German to be taken as a requirement for graduation in the A. B. course. Needless to say that the adoption of this policy was prompted neither by an underestimation of the value of Greek as a discipline, nor by a disregard of what this classical language has accomplished in the past nor what it is destined, as is hoped by the writer to continue to achieve in the future as one of the strongest pillars in the great edifice of modern education. The Modern language does not claim for itself the whole field, but simply recognition on its own merits.

As a result of the above mentioned policy, Central University now requires for entrance to the Freshman class in the Modern Language (A. B.) and Scientific (B. S.) courses the presentation of German as an entrance requirement. In accordance with the minimum recommendations of the Modern Language Association of America, the reading of about two hundred pages of easy German has been determined upon as the amount that will satisfy the entrance requirement in this department. For the other entrance requirements in German those interested are referred to the proper section of this volume. The reading of this amount of German presupposes a two years' course of

TEACHING OF GERMAN

German in the preparatory schools. Only in rare cases and with considerable sacrifice on the part of both pupil and teacher, could the amount be covered satisfactorily in one year's time. As these new requirements affect a large number of preparatory schools throughout the south and southwest, and since the teaching of a modern language differs materially from the "grammar method" generally in vogue for the teaching of the ancient languages, it has been deemed expedient to venture a few suggestions to those who from now on must have in charge the preparatory training of candidates for the Freshman class.*

The first difficulty that confronts both teacher and pupil is the question of *pronunciation*. Heretofore the secondary teacher, if capable, has too often underestimated the value of thorough drill on pronunciation; if incapable, has deemed it of no importance, or more often completely ignored it. It is very necessary that intelligent teachers, those interested in the success of their pupils, qualify themselves to deal scientifically with this subject. It is not necessary that they become phoneticians. They can get along with a very elementary acquaintance with phonetics. But they should at least have at hand such a work as Hempl's German Orthography and Phonology, Ginn & Co., Boston, and carefully acquaint themselves with the principal facts of pronunciation and orthography. We readily grant the teaching of a perfect pronunciation is next to impossible, but we just as earnestly insist that a pupil may be taught a pronunciation which is pleasing rather than displeasing to the German ear. Moreover, careful drill in pronunciation so trains the ear and vocal organs that it improves the pupil's pronunciation of English. And let it here be said that the teacher must never consider his duty done after a mistake has been corrected several dozen times. It may be a "dull business," but for all that the ambitious teacher will not slacken his efforts. And above all, let it be remembered that the mistakes made by the secondary teacher in the two years of preparation have usually become such a habit that they stick to the student in spite of all latter collegiate training.

Another and most important means of imparting, even at

*The suggestions are those adopted by the Modern Language Association of America. Before they were adopted by the Association they were submitted to some two hundred secondary teachers of ability throughout the country.

the outset, a certain appreciation of shades of meaning, a *Sprachgefühl*, is the memorizing of colloquial sentences. Heretofore when the value of memorizing has been recognized it has been unfortunately almost invariably the policy of teachers to assign gems of poetry. But poetry, the language of emotion, is exceedingly artificial and rarely represents the colloquial and ordinary usages of the language. We consider its use in the preparatory school a drawback rather than an assistance. On the other hand, the memorizing of short dialogues, or even detached sentences, is of great value both in creating an instinctive appreciation of the niceties, which are usually the difficulties, of the language, and in stimulating interest. Teachers who have not a thorough acquaintance with German should never attempt to "converse" with their pupils, a policy which could only do great harm. Fixed sentences, such as are found in the better grammars and books of conversation, should be assigned for memorizing, and then called for, both written and orally, by reading aloud the English of German sentence. These exercises in colloquial German begin with the first lesson and occupy a portion of each recitation period.

The next question that confronts us is the teaching of *grammar*. We consider it of no little importance that the pupil be taught to use the German script at once. We are aware that this is sometimes considered a hardship and not necessary, but we feel, that, aside from its practical value later, the ability to write in the foreign characters has its psychological effect upon the learner, giving him confidence in his own ability and making the language more of a reality to him. The teaching of the grammar of a foreign language differs widely from the system usually employed in the teaching of the ancient languages. It must never be forgotten that the grammar is there for the sake of the language, and not the language for the sake of the grammar. The learning of paradigms and rules and the explanation of principles should not be taught primarily as a discipline, but for the purpose of enabling the learner to understand and use the language. One of the first great difficulties encountered is the gender of words. It is quite useless for the teacher to attempt to compel the pupil to learn the gender

of each word encountered. This means only a loss of time. We think that it should be the endeavor of the teacher to have the pupil master in the two years' time a list of say 300 words of familiar objects, ideas, and relationships over and above the words ending in *ei*, *in*, *heit*, *keit*, *schaft*, *ung*, *cher* and *lein*, whose gender he is supposed to know. As soon as the inflection of the noun, an adjective, the forms of the verbs, weak and strong, modal auxiliaries, and rules for use of prepositions and of word order have been well mastered by frequent repetition and by exercises, a change in the manner of teaching is advisable. We refer to the beginning of connected reading. The exercises to be written may be greatly shortened, even reduced to the written translation at home of but three or four printed lines of English. But we consider the *daily* writing of this small amount of German of more value than, as is often the practice, the setting aside of one day in the week for composition alone. The motto should be, little and often, rather than much and seldom.

Above all, let no complicated constructions be attempted. Here again the motto should be, lots of easy, little of the difficult. As an example of grammar drill upon the reading lesson, let us take the sentence, *Die Frau geht aufs Land*. Three types of questions would be: (1) Decline *Die Frau*. What do *Weib*, *Mädchen*, *Fräulein*, *Jungfrau* signify? Give principal parts of *geht*. Inflect present indicative active of *geht*. In what case is *Land*, and why? Decline *Land*. What is the difference between *Länder* and *Lande*? (2) Have the pupil say orally and put on the blackboard: The woman went home. The woman has gone home. My house is in the country. I shall go into the country. The *Jungfrau* is a mountain. Where are you going? Where is she going? Do not go. Is the sentence, *Ich gehe auf dem Lande* correct? Why? (3) *Wo geht die Frau hin? Wie heisst die Frau? Ist die Frau eine Dame? Von welchem Lande sprechen wir? Sollen wir Morgen auf das Land gehen? Wohnen Sie auf dem Lande? In welchem Lande befindet sich die Jungfrau? Haben Sie sie gesehen? Was ist ein Schweizer?* Of the three types of questions the second should be employed more than the first and third, but not exclusively.

Another difficulty encountered by the inexperienced teacher is the question of *reading matter*. The leading publishers of modern language texts, The American Book Co., Ginn & Co., Heath & Co., Holt & Co., and others, now supply an almost endless variety of texts ably edited. It matters very little whether the reading be begun in a reader or in a completed story. Teachers must be guided by the character of the class. The principal points to keep in view are that the text be interesting, well written, wholesome, and easy. The Modern Language Association suggest the following, and we have attempted to give them in order of difficulty: Andersen's *Märchen and Bilderbuch ohne Bilder*; Leander's *Träumereien*; Hillern's *Höher als die Kirche*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrabbiata*; Storm's *Immensee* and *Geschichten aus der Tonne*; Zschokke's *Der Zerbrochene Krug*; Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna*; Heyse's *Das Mädchen von Treppi*; Seidel's *Märchen*; Stökl's *Unter dem Christbaum*; Baumbach's *Der Schweigersohn*; Jensen's *Die braune Erica*. The question of whether or not the texts should have a vocabulary attached we consider of no importance in the elementary course. The special vocabulary is certainly a great time-saver for the pupil, and for that reason we are inclined to favor its use in the preparatory schools. It cannot be too earnestly impressed upon the teacher that in translating German into English, no "butchering" of English be allowed. A slovenly, unidiomatic translation does no good, but harm. A really good translation cannot be expected, but a clear fairly idiomatic and grammatical translation must be required.

Another exceeding useful exercise is *sight reading*. As soon as the pupil reaches the stage where he is able to read fairly accurately all but more difficult passages of the lesson, the reading of the entire lesson is a waste of valuable time. The pupils should only be called on to read and explain the difficulties of the lesson, and the time thus saved should be devoted to sight reading, the teacher translating the unusual words. It is surprising how much ground can be covered by this exercise. A good text for early sight reading is Grimm's *Märchen*, and then Meissner's *Aus meiner Welt*.

Finally we would suggest as an exceedingly profitable exer-

TEACHING OF GERMAN

cise for the second year, the *reproductive translation into German*. Short and easy passages of German are chosen, which, after reading over, the pupil endeavors to reproduce in German, but not verbatim. His memory of the original causes his thoughts instinctively to take the German form. He makes the first great stride in modern language learning—he begins to think in German.

THE TEACHING OF SCIENCE IN SECONDARY SCHOOLS.

By DR. C. MCC. GORDON.

In the larger number of our high schools and academies, the problem of proper instruction in science has not received the attention it deserves. While practically all schools give some instruction in science subjects, there is the utmost lack of uniformity both as to amount and methods. If we consider the secondary schools in Kentucky, we find that a relatively small proportion of them have solved the problem satisfactorily. In the majority little science is taught, and that little in a most perfunctory way.

The great value of science as a disciplinary study does not seem to be appreciated by those in charge. It is looked upon as a side issue,—something to be tacked on to the curriculum after everything else has been provided for. A science study is often put in the course merely to awaken the interest and fill out the time of pupils who are not inclined to take one or the other of subjects in the regular course. In every school numbers of such discontented ones are to be found. They are glad to take a short course in some science, because it is new and, for a while at least, interesting. And the school principal is thankful that he can provide such a safety-valve. The study of science deserves better treatment. Properly taught it possesses educational value next to that of the three fundamentals, reading, writing and arithmetic. No other studies can be used so early to develop real think-

ing. It is in the study of science that a large number of pupils receive their first intellectual awakening. Power to observe and discriminate, the imagination and the reason can all be aroused and trained more effectively than by any other elementary studies. When these mental faculties are once aroused, the pupil takes interest not only in science but in other studies as well. One who has learned to observe closely, to look out for small differences and similarities in material things, and to reason about them, is easily led to apply the same processes to his study of words and ideas. There are many advantages to be gained from the study of science, but its peculiar power as an arouser of the mental faculties is sufficient reason for giving such study a fundamental place in every school.

If the study of science is to yield good results, intelligent attention must be given to the manner of teaching. Both matter and method must be carefully adapted to the condition in every case.

In all elementary science work, individual laboratory methods are essential. A competent teacher can give a course made up of laboratory work and oral instruction of real benefit, without a text-book; but the study of a book without a very considerable amount of observation and handling of the things about which the book talks, is comparatively worthless. Observation and experimentation by the pupils themselves should be the foundation upon which the study of the subject is built. There must be a study of *things*, rather than the learning of lessons from a book. What the book may have to say on any point

should be learned after the pupil has accumulated some facts at first hand. The memorizing of laws and definitions as given in a text-book needs to be guarded against rather than encouraged. The laboratory method may at first seem slow, but when measured by results attained it is incomparably faster than any other.

A good text-book is of great importance, and special care should be exercised in its selection. In any science there are elementary books of various degrees of difficulty. Secondary school pupils should not be asked to use a book prepared for more mature minds, even if it treat only the elements of the subject. There are elementary treatises on physics which are written for college students who have already had calculus. But there are others written especially for younger pupils, which require no more mathematics than the elements of algebra and geometry. The grade of the book must be such that the pupils can understand it. It is better to have it too simple than too hard.

What particular sciences are to be taught is another question which should be given careful consideration. Each school must decide for itself what it can teach well. And in every case the power to furnish the class with sufficient materials for good laboratory instruction and a well-trained teacher should be the determining factor. Physics, chemistry and botany are fundamental sciences, each one of which is well adapted for secondary school work. These sciences embrace subject matter which should be known by every one. Courses in them can be arranged which

TEACHING OF SCIENCE

are not too difficult; and they lend themselves most readily to the scientific method of instruction.

Science work carried on in the proper spirit and according to best methods necessitates some expenditures for materials and apparatus. For the same number of class-room hours, it requires also much more time and effort on the part of the teacher than classes in mathematics or languages. However, it is worth the cost; this is the testimony of all who have tried it.



CATALOGUE
OF
CENTRAL UNIVERSITY
OF KENTUCKY



1904-1905

HISTORICAL SKETCH.

Central University of Kentucky, as at present constituted, dates its incorporation from 1901, and is, therefore, the youngest of Kentucky's institutions of higher learning; but its constituent parts, the Centre College and the Central University, have an honorable history, reaching many years into the past.

The Centre College was chartered by the Legislature of Kentucky in the year 1819. Its first president, the Rev. Jeremiah Chamberlain, D. D., was inducted into office in 1823. According to an arrangement with the Synod of the Presbyterial Church in Kentucky, the Board of Trustees procured, in the year 1824, an act of the Legislature modifying the charter of the college so as to secure to the Synod, on the payment of \$20,000 into the treasury of the institution, the right to appoint the Board of Trustees. The condition thus imposed upon the Synod was fulfilled in 1830, and since that time all the members of the board have been appointed by the Synod as their terms of office expired, one-fourth of the board at present being appointed every year.

Dr. Chamberlain resigned the presidency in 1826, and the Rev. Gideon Blackburn, D. D., succeeded him in 1828; in the interval the office had been temporarily filled by the Rev. David C. Proctor. On the resignation of Dr. Blackburn in 1830, the Rev. John C. Young, D. D., was elected president. Dr. Young died in office June 23, 1857, and on the 6th of August following the Rev. Lewis W. Green, D. D., was elected his successor, and entered upon his duties January 1, 1858. Dr. Green

died in office, May 26, 1863, and on the 16th of October following, the Rev. William D. Breckinridge, D. D., was elected president. On the 29th of the same month he accepted the position, and entered at once upon its duties. These he continued to discharge until his resignation, October 16, 1868. Professor Ormond Beatty, LL. D., being at the time vice-president, was requested to act as president until a successor to Dr. Breckinridge should be chosen. He continued to do so until the Board of Trustees elected him president September 1, 1870. Dr. Beatty tendered his resignation to the board November 30, 1886, and it was accepted, "to take effect upon the qualification of his successor." The Rev. William C. Young, D. D., son of the distinguished former president, Dr. John C. Young, was elected president June 18, 1888, and Dr. Beatty was formally released from his official duties. Dr. Young entered upon his office September 5, 1888; his death occurred September 16, 1896. June 7, 1898, after an interval during which the duties of president were discharged by Prof. John C. Fales, LL. D., Dean of the College, the Rev. William Charles Roberts, D. D., LL. D., was unanimously elected president. He took up the duties of the office immediately and remained president of the Centre College and of the new Central University until his death, which occurred November 27, 1903.

On April 15th, 1904, the Rev. Frederick W. Hinit, Ph. D., D. D., was unanimously chosen to fill the vacant presidency.

The Centre College is one of the oldest institutions of higher education in Kentucky, or in the south or the west, having graduated its first class as early as 1824. It has prosecuted its work successfully, and without interruption, from that day to the present. Not a year

has passed in which it has not sent out graduates, until the entire body of its alumni numbers at this time nearly 1,600. In addition to these, 2,600 students have taken a partial course, but have not received diplomas. Among the alumni are 360 lawyers, about 240 ministers, and more than 100 physicians, besides a great number of teachers; the other graduates have entered various business callings. An unusual proportion of these men have distinguished themselves in their respective professions and occupations, and have attained to the highest positions of honor and trust throughout the south and west, where most of them have had their homes.

The Centre College has educated twenty-five college presidents, fifty college professors, twenty-seven representatives in Congress, five United States Senators, nine Governors of States, two Vice Presidents of the United States, one Justice of the Supreme Court of the United States, thirty-nine Circuit Judges (state or national), six moderators of the General Assembly of the Presbyterian Church, and fifty editors. No institution in Kentucky has sent out, year by year, larger classes of well-trained young men.

The other constituent part of the institution, known as the Central University, was organized under a charter granted by the Legislature of Kentucky March 3, 1873, providing for the establishment of an institution of the highest order, on the university plan, under the auspices of the Southern Synod of Kentucky. The College of Philosophy, Letters and Science, at Richmond, and the Hospital College of Medicine, at Louisville, were opened for students in September, 1874. The Louisville College of Dentistry was organized and

opened at Louisville, January, 1888, and the College of Law, at Richmond, October, 1898.

The charter gave authority to the curators, "to establish, under the auspices of the University, six preparatory schools, in various parts of the state, designed to prepare students to enter the University." Three of these schools were put in successful operation, viz., the Richmond Preparatory School, the Lees Collegiate Institute, Jackson, Ky., and the Hardin Collegiate Institute, Elizabethtown, Ky.

The charter also provided for the establishment of a Theological Department in connection with the University; and, on the recommendation of the Synod, a special endowment was raised, and the department was opened in September, 1891, under the direction of the Rev. T. D. Witherspoon, D. D., LL. D. At the end of two years the Synods of Kentucky and Missouri united in the movement to establish a Theological Seminary for the southwest at Louisville, and the endowment fund of the department was transferred to Louisville Presbyterian Theological Seminary, with which the Danville Theological Seminary was consolidated in 1901.

The government of the University was vested in a Chancellor, as chief executive officer, and a Board of Curators, elected at first by the Alumni Association, but afterward by the Synod of Kentucky. The Rev. Robert L. Breck, D. D., was the first chancellor, and the Rev. John W. Pratt, D. D., the first president of the faculty. In June, 1880, Doctors Breck and Pratt resigned, and the University was practically re-organized. The Rev. L. H. Blanton, D. D., was elected chancellor, and Rev. J. V. Logan, D. D., president of the faculty, and both continued in office until the con-

solidation of the institution with the Centre College.

The Central University was the youngest, by many years, of the Kentucky colleges, and was in competition from the beginning with the older and more richly endowed institutions. Great liberality and zeal were shown by its friends and patrons in its establishment and in its maintenance for twenty-seven years. Among the many generous donors to its funds may be mentioned S. P. Walters, A. J. Alexander, Orville Ford, Stuart Robinson, D. D., Hon. W. H. McBrayer, J. V. Logan, D. D., D. C. Collins, T. A. Bracken, D. D., and Col. Bennett H. Young.

The first class, consisting of nine members, was graduated from the Central University in 1877; and for twenty-four years it sent out classes varying from six to twenty-eight well-trained young men, the last three or four classes being the largest in the history of the institution. It sent forth in all about 300 graduates, besides many others who hold certificates of proficiency in separate departments of study. These young men are found in all the walks of life. The Central University gave to Kentucky her present Chief Executive, and many others who occupy positions of honor and trust. It gave to the church about forty ministers of the gospel, who are among its ablest and most useful pastors.

The College of Medicine graduated 900 Doctors of Medicine. The College of Dentistry graduated 406 Doctors of Dental Surgery, and the College of Law, 15 Bachelors of Law. During the twenty-seven years of its separate existence, over 8,000 students received their education, in whole or in part, in connection with the University's four colleges and three university schools. The aggregate matriculation in the last year

before the consolidation was eleven hundred and sixty-four.

The two institutions described above were legally consolidated in August, 1901, under the corporate name of "Central University of Kentucky," the seat of which was fixed at Danville, Boyle county. No better location could have been selected for a great institution of learning. Danville is an ideal college town, healthy, beautiful, and free from most of the temptations to youth found in other places of its size. The campus embraces forty-three and a third acres of blue-grass, covered with a large variety of fine trees. The buildings are substantial and commodious, and are connected by hundreds of yards of superb concrete walks and a macadamized carriage road. There are two spacious and comfortable dormitories, College Home and Breckinridge Hall, a library, a gymnasium, and all the equipment of a modern university.

As at present constituted, Central University is governed by a Board of Trustees composed of twenty-four members, one-half appointed by each of the two Presbyterian Synods of Kentucky, North and South. It comprises the Centre College, as the classical, scientific and literary department; the College of Law, as the law department; the Hospital College of Medicine, in Louisville, as the medical department; and the Louisville College of Dentistry, as the dental department.

There are also three excellent affiliated schools or Collegiate Institutes, located in Danville, Jackson and Elizabethtown, which serve as fitting-schools for the University; another such school, tributary to the University, though not directly under its management, is situated at Princeton.

These elements constitute one of the most complete and efficient universities in the South.

All the subjects in the various departments of the University and in the affiliated schools are taught by professors, lecturers and instructors who are largely specialists, and are all thoroughly competent for their respective duties.



Central University of Kentucky

: : : : The University Corporation includes : : : :

The Centre College of Kentucky
Danville

The College of Law
Danville

The Hospital College of Medicine
Louisville

The Louisville College of Dentistry
Louisville

The Centre College Academy
Danville

The Lees Collegiate Institute
Jackson

The Hardin Collegiate Institute
Elizabethtown

CENTRAL UNIVERSITY OF KENTUCKY.

OFFICERS.

REV. FREDERICK WILLIAM HINITT, PH. D., D. D., *President of the University.*

REV. LINDSAY HUGHES BLANTON, D. D., LL. D., *Vice President of the University.*

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Term Expires 1905.

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THE CENTRE COLLEGE
OF
KENTUCKY

THE CENTRE COLLEGE OF KENTUCKY.

COLLEGE CALENDAR

1905

January 3—Tuesday, Winter term begins.
January 26—Thursday, Day of Prayer for Colleges.
February 22—Wednesday, Washington's birthday.
March 17—Friday, Winter term closes.
March 20—Monday, Spring term begins.
May 19—Friday, Senior examinations concluded.
June 9—Friday, Final examinations concluded.
June 11—Sunday, Baccalaureate Sermon, 11 A. M.
June 11—Sunday, Address before Y. M. C. A., 8 P. M.
June 12—Monday, Oratorical Medal Contest, 8 P. M.
June 13—Tuesday, Meeting Board of Trustees, 9:30 A. M.
June 13—Tuesday, Class Day Exercises, 10 A. M.
June 13—Tuesday, Address before Alumni Association, 8 P. M.
June 14—Wednesday, Annual Commencement, 10 A. M.
June 15—Thursday, Summer vacation begins.
September 13—Wednesday, Fall term begins.
November 30—Thursday } Thanksgiving Holiday.
December 1, Friday, }
December 21—Thursday, noon, Christmas vacation begins.

1906

January 3—Wednesday, Winter term begins.
January 25—Thursday, Day of Prayer for Colleges.
February 22—Thursday, Washington's birthday.
March 16—Friday, Winter term closes.
March 19—Monday, Spring term begins.
June 13—Wednesday, Annual Commencement.

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Junior Class.....	Prof. Gordon
Sophomore Class.....	Prof. Cheek
Freshman Class.....	Prof. Crooks
Special Students.....	Prof. Palmer

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Student Athletics.

Professors Throckmorton, Gordon, Cheek.

Student Organizations and Publications.

Professors Fales, Fulton, Logan.

Senior Theses.

Professors Fulton, Throckmorton, Redd.

College Buildings.

Library and Gymnasium—Professors Fales, Nelson.

Main Building—Professors Redd, Gordon.

Breckinridge Hall—Professors Cheek, Blayney.

College Home—Professors Throckmorton, Crooks.

REQUIREMENTS FOR ADMISSION. SEPTEMBER, 1905.

Course A—Classical.

Candidates for the Freshman class in this course, who do not bring certificates from accredited preparatory schools, will be examined in the following subjects, or their equivalents:

ENGLISH.—Grammar, Composition, and Literature; the equivalent of the course given in the Academy. (See p. 149.)

NOTE.—*Every* applicant for admission, without regard to the school from which he comes, is required to write a brief composition on an assigned subject; its purpose is to show the proficiency of the candidate in spelling, punctuation, the structure of sentences and paragraphs, and other essential elements of the correct use of the mother-tongue. Candidates found notably deficient in these respects will be required to do special work in the Academy.

LATIN.—Cæsar's Commentaries, three books; Vergil's Aeneid, two books; Latin grammar, etymology and syntax.

GREEK.—Xenophon's Anabasis, two books; some knowledge of the Attic inflections and of the principles of syntax, with experience in translating English into Greek, *including accent*, is demanded.

MATHEMATICS.—The whole of arithmetic; algebra, through quadratic equations; plane geometry, two books.

HISTORY.—United States history.

Course B—Modern Language.

The entrance requirements in this course are the same as in the Classical Course, except that additional Mathematics or French or German may be offered instead of Greek.

Course C—Scientific.

The requirements in this course are the same as in Course B.

Advanced Standing.

Candidates for the higher classes must pass an examination on all the studies previously pursued by the class they desire to enter. Certificates from colleges of equal standing are accepted.

In all cases a student from another college is required to present satisfactory testimonials of his moral character and standing in the college which he last attended. To avoid delay the student should bring with him properly signed certificates attesting in detail the amount of work done.

Physics and Chemistry.

Students from schools having proper equipment for laboratory work in Physics and Chemistry may receive credit for elementary work in these subjects upon presenting satisfactory evidence that they are qualified to undertake the more advanced work. Applicants will be required to present their original notes of all laboratory work done, together with the annotations and certificate of the instructor, who should insist on careful manipulation and correct annotations, rather than on numerous experiments.

Special Students.

Students desiring to pursue the study of special branches are permitted to enter any class for which they are prepared, subject to the direction of the Faculty in the number of hours of work required.

Admission Without Examination.

All candidates for admission are regularly required to pass entrance examinations; but students from certain schools of recognized good standing, if certified to have completed a course of study which can be accepted as equivalent to the entrance requirements, and to have passed satisfactory examinations upon the same, will be admitted into the Freshman class *on trial* without examination.

This privilege has been granted to the following schools:

The Centre College Academy, Danville, Ky.

The Lees Collegiate Institute, Jackson, Ky.

The Hardin Collegiate Institute, Elizabethtown, Ky.

The Princeton Collegiate Institute, Princeton, Ky.

The Louisville Male High School, Louisville, Ky.

The Manual Training High School, Louisville, Ky.

The University School, Louisville, Ky.

The Wentworth Military Academy, Lexington, Mo.

The Harrodsburg Academy, Harrodsburg, Ky.

The Harrodsburg Graded School, Harrodsburg, Ky.

The Cynthiana High School, Cynthiana, Ky.
The Lancaster Graded School, Lancaster, Ky.
The Walters Collegiate Institute, Richmond, Ky.
The Ashland High School, Ashland, Ky.
The Alleghan Academy, Lexington, Ky.
The Henderson High School, Henderson, Ky.
The Shelbyville High School, Shelbyville, Ky.
The Mount Vernon Collegiate Institute, Mount Vernon, Ky.
The Owensboro High School, Owensboro, Ky.
The Carlisle High School, Carlisle, Ky.
The Covington High School, Covington, Ky.
The Rugby Military Academy, Covington, Ky.
The Nicholasville High School, Nicholasville, Ky.
E. M. Costello's School, Paris, Ky.
The Monticello High School, Monticello, Ky.
The Stanford High School, Stanford, Ky.
The Paris High School, Paris, Ky.
The Somerset High School, Somerset, Ky.
Miss Gordon's Training School, Maysville, Ky.
The Threlkeld Select School, Nicholasville, Ky.
The S. W. Buchanan Collegiate Institute, Campbellsville, Ky.
The Maysville High School, Maysville, Ky.
The Flemingsburg High School, Flemingsburg, Ky.

REQUIREMENTS FOR ADMISSION IN EFFECT SEPTEMBER, 1906.

Attention is called to the fact that the requirements for entrance to the Freshman Class will be in accordance with the following schedule, September, 1906.

Classical Course.

Latin—Cæsar, 4 books. Vergil, 2 books, Grammar and Prose Composition.

Greek—Anabasis, 4 books. Grammar and Prose Composition.

English—Standard Requirements.

Mathematics—Algebra, through Quadratics. Plane Geometry.

History—United States, English or Ancient.

Science—One year of either Physical Geography, Physics, Chemistry, Botany, or Physiology.

Modern Language and Scientific Courses.

Latin—Cæsar, 4 books. Vergil, 2 books. Grammar and Prose Composition.

German—Two hundred pages of reading. Grammar and Composition.

English—Standard Requirements.

Mathematics—Algebra, through Quadratics. Plane Geometry.

History—United States, English or Ancient.

Science—One year of either Physical Geography, Physics, Chemistry, Botany or Physiology.

DEFINITION OF ENTRANCE REQUIREMENTS ACCORDING TO THE NEW SCHEDULE.

1. *English.*

The requirement in English includes a knowledge of English grammar and of the principles of English composition, and an acquaintance with the works named below. These works are divided into two classes, those intended for thorough study and those intended for general reading. The portion of the examination devoted to the former class will be upon subject matter, form, and structure. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and the leading facts in those periods of English literary history to which the prescribed books belong. In the portion of the examination devoted to the latter class, the candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. No candidate will be accepted whose work is notably defective in point of spelling, punctuation, idiom, or division into paragraphs.

No student will be admitted without examination except on the presentation of an explicit statement from his instructor that the entire requirement has been fulfilled.

For thorough study: for 1906, Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

For general reading: for 1906, Shakespeare's *Merchant of Venice* and *Julius Cæsar*; the *Sir Roger de Coverley Papers* in the *Spectator*, Goldsmith's *The Vicar of Wake-*

field; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Carlyle's *Essay on Burns*; Tennyson's *The Princess*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

II. *Mathematics.*

Arithmetic—A practical knowledge of the subject, with facility in numerical computation, is assumed as the basis of all subsequent work.

Algebra—The topics which should be particularly emphasized are the fundamental operations, the use of brackets, factoring, common factors and multiples, simple equations, inequalities, involution (including the binomial theorem for positive integral exponents), evolution, the theory of exponents, radicals, imaginary numbers, simultaneous equations, and quadratic equations, with special emphasis upon the theory of quadratic equations. The student should have a thorough knowledge of these subjects as treated in Wells' *New Higher* or Wells' *College Algebra*, Wentworth's *Higher Algebra* or other text of equal grade.

Ready command of principles and facility in performing algebraic operations can be gained only by the solution of numerous problems.

Geometry—The requirements cover the whole of Plane Geometry as presented in such text books as those of Wentworth, Wells, Phillips and Fisher, Beman and Smith, or McMahon. The student must be able to construct diagrams and make fundamental constructions quickly and accurately, and to prove all central theorems, giving the reason for each statement made and going back step by step until the final ground of the statement is reached in a definition, an axiom, or a postulate. Much attention should be given to the proof of original propositions and the solution of numerical problems.

III. *Latin.*

1. Cæsar, *Gallic War*, Books I-IV, with questions on the forms, the construction and subject matter.

2. Vergil, *Aeneid*, Books I-II, with questions on the constructions, subject matter and prosody.

3. Prose Composition. Translation into Latin of simple English sentences.

IV. *Greek.*

Xenophon. *Anabasis*, Books I, II, III, IV.

Grammar. Goodwin or equivalent. A knowledge of Attic inflection and of the principles of syntax is essential.

Prose Composition. Collar and Daniell or equivalent. Ability to put simple English into Greek, *with accent*, is necessary.

V. *German.*

The requirements for entrance into the Freshman Class in this subject correspond to those of the majority of the better institutions of the country, as they have been suggested by the Modern Language Association of America.

The examination will be upon the following subjects, and presupposes the reading of two hundred duodecimo pages of easy prose:

1. *Grammar*. A thorough knowledge of the forms, and familiarity with the commoner usages of syntax.

2. *Composition*. The ability to translate simple English sentences into idiomatic German.

3. *Reading*. The candidate will be asked to translate at sight a German selection containing no unusual words.

4. *Pronunciation*. The reading aloud of ten lines of easy prose.

The department would call the attention of teachers to the excellent report of the "Committee of Twelve" of the Modern Language Association, which contains a full discussion of the methods, outline of courses, etc., and which will be sent by the Department upon receipt of twenty cents to all teachers desiring a copy.

The importance of a thorough knowledge of the rudiments of the grammar, as contained in Bierwirth's or Vos' *Essentials of German Grammar*, cannot be too severely insisted upon. The work should comprise, (1) Careful drill upon pronunciation. (2) The memorizing and frequent recitation of easy colloquial sentences. (3) Drill upon the inflection of the articles, of such nouns as belong to the language of every-day life, of adjectives both strong and weak, pronouns, weak verbs and the more usual strong verbs, such as *gehen*, *sprechen*, *finden*, *sehen*, *kommen*, *fahren*, etc., also upon the use of the more common prepo-

sitions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order. (4) Abundant easy exercises for the purpose both of fixing in the mind the forms and principles of grammar and to cultivate readiness in the reproduction of natural forms of expression. This includes the ability to read and write German script. (5) The reading of two hundred pages of easy prose, with constant practice in translating into German easy variations upon the sentences read or the reproduction of the sentences from memory. The necessary reading matter may be found in any standard graduated reader, or in such stories as Storm's *Immensee*, Gerstacker's *Germelshausen*, or similar text.

VI. *Advanced German and French.*

Candidates for higher classes than the Freshman, who come from preparatory schools of recognized standing, will not be enrolled in this department unless they present a statement from their former teachers of the time spent, the amount of work done, and the texts used. Candidates will be examined upon all the work already accomplished by the class to which they seek admission, which is not included in the statement of their former teachers.

In no case will students from other institutions be permitted to offer equivalents for all the required German and French of the Literary and Scientific Courses without examination.

NOTICE TO TEACHERS—The Department will at all times be glad to answer questions of teachers regarding modern language instruction, or concerning any other subject directly or indirectly connected with the department. Letters addressed to Dr. Blayney, or assistants, will receive immediate and cheerful attention.

VII. *History.*

Any one of the three following courses may be presented:

1. Ancient History, with special reference to Greek and Roman history, and including the chief events of the Middle Ages to the death of Charles the Great (814).

2. English History, the equivalent of a course based on Montgomery's *Leading Facts of English History*.

3. American History, the equivalent of a course based on such a manual as Fiske's or Larned's History of the United States.

VIII. *Science.*

(1) Physical Geography—as much as is contained in Appleton's or Guyot's Physical Geography.

(2) Physiology—as much as is contained in the briefer course of Martin's Human Body, or in Walker's or Foster and Shore's Physiology.

(3) Elementary Physics—embracing mechanics, sound, and heat, with laboratory work.

Not less than five school periods a week for one year should be given to the subject. The course should be based upon a set of laboratory experiments performed by the pupils individually. The original note-book in which the student recorded the steps and results of his experiments, with the endorsement of his teacher certifying that the notes are a true record of the pupil's work, must be presented. The recitations should be on the laboratory exercises, and some elementary text book, such as those of Sanford, Crew, or Hall and Bergen (both parts). Schools without a supply of elementary apparatus sufficient for individual experimenting should not undertake to meet this requirement.

(4) Elementary Botany—the equivalent of Bergen's Elements of Botany or Coulter's Plant Relations, with laboratory work on the anatomy and physiology of the higher plants.

(5) Elementary Chemistry—the equivalent of Remsen's Elements of Chemistry.

All applicants will be required to present for examination their original notes of laboratory work, together with the annotations and certificate of the instructor, who should insist on careful manipulation and correct annotations.

If Chemistry be accepted for admission to college, it will not be counted toward a degree. One year's additional work in advanced chemistry must then be substituted in college for the course in general Chemistry, which is regularly prescribed for all candidates for a degree.

REQUIREMENTS FOR DEGREES.

Requirements For the Degree of Bachelor of Arts.

The degree of Bachelor of Arts will be conferred upon the student who has successfully completed 204 term hours' work, including all the required studies in Course A, the Classical Course, or Course B, the Modern Language Course, according to the following exhibit:

Course A—Classical.

<i>Freshman Year.</i>	TERM 1.	TERM 2.	TERM 3.
Latin, 100-104	4	3	3
Greek, 71, 72, 73.....	3	4	4
English, 60, 61.....	3	3	5
Mathematics, 120, 122.....	4	4	4
Biblical Literature, 1-2.....	2	2	
Hygiene	1		
Gymnastics		1	1
	<hr/> 17	<hr/> 17	<hr/> 17

<i>Sophomore Year.</i>			
Latin, 105-109	4	4	4
Greek, 74, 75, 76.....	4	4	4
English, 62, 63.....	5	3	3
Mathematics, 123-126 } One	4	4	4
Biology, 10-13			
Biblical Literature, 3-4.....		2	2
Gymnastics	1	1	1
	<hr/> 18	<hr/> 18	<hr/> 18

<i>Junior Year.</i>			
English, 64-65	3	3	3
Psychology, 190	3		
Logic, 191		3	3
Physics, 200-202	} Two of these 6	6	6
Chemistry, 30			
Biology, 15, 16			
History, 90			2
Biblical Literature, 5.....	2	2	
	<hr/> 14	<hr/> 14	<hr/> 14

Three hours elective.

Senior Year.

Ethics, 195	2		
Economics, 220	3	3	
Political Science, 221.....			3
Biblical Literature, 6.....		2	2
	<hr/>	<hr/>	<hr/>
	5	5	5

Eleven hours of elective work per term. Electives offered in English, Greek, Latin, German, French, Spanish, Italian, Philology, Mathematics, Astronomy, Geology, Biology, Physics, Chemistry, History, Metaphysics, Ethics, History of Philosophy, Economics, Sociology, Hebrew.

If Biology has been omitted hitherto, or either of the other sciences, that course must be elected.

If German has been elected as Junior subject, it must be continued in Senior year.

Course B—Modern Language.

<i>Freshman Year.</i>	TERM 1.	TERM 2.	TERM 3.
Latin, 100-104	4	3	3
German, 143-146	3	4	4
English, 60, 61.....	3	3	5
Mathematics, 120-122	4	4	4
Biblical Literature, 1-2.....	2	2	
Hygiene	1		
Gymnastics		1	1
	<hr/>	<hr/>	<hr/>
	17	17	17

Sophomore Year.

Latin, 105-109	4	4	4
German, 148-151	3	3	3
English, 62, 63.....	5	3	3
Mathematics, 123-126 } One ...	4	4	4
Biology, 10-13			
Biblical Literature, 3, 4.....		2	2
Gymnastics	1	1	1
	<hr/>	<hr/>	<hr/>
	17	17	17

Junior Year.

English, 64, 65	3	3	3
Psychology, 190	3		
Logic, 191		3	3
Physics, 200-202			
Chemistry, 30 Two of these	6	6	6
Biology, 15, 16			
French, 162-164, 171	3	3	3
History, 90			2
Biblical Literature, 5.....	2	2	
	<hr/>	<hr/>	<hr/>
	17	17	17

Senior Year.

Ethics, 195	2		
Economics, 220	3	3	
Political Science, 221			3
French, 165-167, 172	3	3	3
Biblical Literature, 6.....		2	2
	<hr/>	<hr/>	<hr/>
	8	8	8

Nine hours of elective work per term. See departments under Course A.

The science omitted, if any, to be elected.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE.

The degree of Bachelor of Science will be conferred upon the student who has successfully completed 204 term hours work, including all the required studies in Course C, the Scientific Course, according to the following exhibit:

Class C—Scientific.

<i>Freshman Year.</i>	TERM 1.	TERM 2.	TERM 3.
German, 143-146	3	4	4
English, 60, 61	3	3	5
Mathematics, 120-122	4	4	4
Mechanical Drawing, 50 } One of Biology, 10-13 } these	3	3	3
Biblical Literature, 1-2.....	2	2	
Hygiene	1		
Gymnastics		1	1
	16	17	17
<i>Sophomore Year.</i>			
German, 148-151	3	3	3
English, 62	5		
Mechanical Drawing, 51 } One of English, 62, 63 } these		3	3
Chemistry, 30	3	3	3
Physics, 200-202	3	3	3
Mathematics, 123-126 } One of these Biology, 15-16 } 4		4	4
Biblical Literature, 3, 4.....		2	2
Gymnastics	1	1	1
	19	19	19
<i>Junior Year.</i>			
Psychology, 190	3		
Logic, 191		3	3
Chemistry, 31, 32, 35.....	3	3	3
Physics, 203-207	3	3	3

Mathematics, 127-129	} One of these	3	3
Biology, 17, 18			
French, 162, 164, 171.....	3	3	3
Mathematical Drawing, 52	} One of these		2
History, 90			
Biblical Literature, 5	2	2	
	17	17	17

Senior Year.

Ethics, 195	2		
Economics, 220	3	3	
Political Science, 221			3
Biblical Literature, 6		2	2
French, 165-167, 172	3	3	3
	8	8	8

Twenty-four hours of elective work for Senior year.

See departments under Course A.

EXPLANATORY NOTE CONCERNING COURSES.

Course A. This course presents the traditional values of the study of the classics, Greek and Latin, in connection with Mathematics and the other studies, as a general disciplinary and culture course, recognizing the unquestioned worth of such a course as without any superior in its general educational possibilities.

Course B. This course is exactly the same as Course A, except that German and French are substituted for Greek. It represents the same essential values, and is intended for those who desire a course that admits of the special study of the classical works of French and German literature.

Course C. This course follows, in general culture studies, the lines of the preceding courses, but the emphasis is so laid on scientific studies that the student will here find special preparation for advanced work in professional pursuits of a scientific character. By the special provision for chemical, physical and biological studies, the student is given preparation for

a medical course; by the emphasis of chemistry, physics, mathematics and drawing, the foundation is laid for a technical course in any department of engineering. Special provision is also made for the advanced study of either of the sciences, so that, while conferring the essentials of a general college education, preparation can be made for most scientific pursuits.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS.

The special announcements for this degree will be found under the subject, Graduate Instruction.

COURSES OF INSTRUCTION.

I. BIBLICAL HISTORY AND LITERATURE.

PRESIDENT HINITT, PROFESSOR LOGAN AND DR. McDOWELL.

1. *The Gospels*. An inductive study of the life of Christ. Texts, the Revised Version and Rhees' Life of Jesus of Nazareth. Two hours, first term, Freshman year.

2. *The Pauline Epistles*. A study of several of the epistles. Text, Stevens' Messages of Paul. Two hours, second term, Freshman year.

3. *Old Testament History*. The general course of the political, social and religious history of the Hebrews. Texts, the Revised Version. Blaikie's Manual of Bible History. Two hours, second term, Sophomore year.

4. *The Hebrew Prophets*. Nature and function of prophecy. Text, Sanders and Kent's The Messages of the Earlier Prophets. Two hours, third term, Sophomore year.

5. *The Bible as Literature*. A study of the general literary structures, as narrative, wisdom, oratory, lyric and dramatic poetry, prophecy. Text, Moulton's The Literary Study of the Bible. The Revised Version. Two hours, first and second terms, Junior year.

6. *Theism*. The theistic conception of the universe. Anti-theistic theories. The progressive proof. Text, Flint's Theism. Two hours, second and third terms, Senior year.

7. *Hebrew*. An elementary course for students looking to the study of theology. Text, Harper's Inductive Hebrew Method. Elective.

II. BIOLOGY AND GEOLOGY.

PROFESSOR FALES.

BOTANY.

10. *Introductory Course*. Relationship of living things; animals and plants treated on parallel lines; variation, heredity,

sex, adaptations; connection of plants and animals; distribution; the cell as unit of structure. Lectures, three hours, first term, Freshman year.

11. *Ecology*. General treatment; local forms examined to illustrate hydrophytic, mesophytic and xerophytic conditions. *Physiology*. Laboratory studies on absorption, transpiration, respiration, heliotropism, photosynthesis, etc. Three hours, first term, Freshman year.

12. *Morphology*. Macroscopic and microscopic examination of typical thallophytes, bryophytes, pteridophytes and spermatophytes. Three hours, second term, Freshman year.

13. *Histology*. Lectures, readings and laboratory work on structure of tissues; microscopic technique; preparation of permanent mounts for department collections. Three hours, third term, Freshman year.

14. *Bacteriology*. A course will be offered to such as are prepared to enter upon it, as preparatory to future studies in this important branch. Three hours, Senior elective.

ZOOLOGY.

15. *Ecology*. Survey of animal kingdom as a whole; primitive and successful forms; comparative structure of animals; life history; adaptations; parasites; metamorphosis; mimicry; variation; intellect and reason; food; habitat; distribution. Lectures, Sophomore year.

16. *Morphology*. Differential study of typical Protozoa, Porifera, Hydrozoa, Anellida, Mollusca; Arthropoda, and typical vertebrata; comparative osteology of the latter. Three hours, first, second and third terms, Sophomore year.

17. *Embryology*. Attention will be mainly directed to the development of the chick as representing the vertebrate type. Three hours, first and second terms, Junior year.

18. *Histology*. Lectures and laboratory work on special tissues; microscopic technique; preparation of permanent mounts. Three hours, second and third terms, Junior year.

GEOLOGY.

The following courses are offered in this department:

19. *Physiography*. The aim will be to investigate the present condition of the earth as the abode of man; its atmos-

phere, the ocean, the lands and the mountains. Rain and stream erosion will be studied with reference to local conditions. Three hours, Senior elective.

20. *Dynamical Geology*. Study of the agencies and processes at work in the past; methods of investigation; theories of earth's origin critically examined. Three hours, Senior elective.

21. *Structural Geology*. Earth's form; sedimentation and stratification; conformity and unconformity; volcanoes; earthquakes; fractures and veins; mountain making. Three hours, Senior elective.

22. *Historical Geology*. Course will cover the whole subject, with special study of the Trenton, Devonian and subcarboniferous as represented in the vicinity. Three hours, Senior elective.

23. *Palaeontology*. Scope of the study indicated; preservation of fossils; use of these as a means of identification of formations; connection with modern biology and embryology; classification as a convenience; study of typical forms; local collections made and species determined. Three hours, Senior elective.

III. CHEMISTRY.

PROFESSOR PALMER AND MR. ———.*

The laboratories, of modern equipment, accommodate thirty students at work. The department has been recently supplied with a new laboratory specially arranged for the sanitary examinations of water and of food products. Laboratory fees are charged to cover the cost of gas and chemicals. At the beginning of any course each student is required to deposit with the director, in addition to the laboratory fee, two dollars to pay for apparatus which may be broken or impaired. At the end of the course the amount of such injury will be charged against this deposit and the balance will be returned to the student.

The metallurgical and mineral cabinets recently installed in the chemical department, contain important material for illustration and study. From the Massachusetts Society of Natural

*Instructor to be elected.

History is a large number of specimens of the leading types of rocks and rock-forming minerals; from the Smithsonian Institution is a series of minerals used for various industrial purposes; and from the exhibits of Mines and Metallurgy at the World's Fair in St. Louis a valuable collection of gold, silver and platinum ores and ores of the more common metals has been obtained.

30. *General Chemistry*. Required of all candidates for a degree. The course begins in September and continues through the year. Instruction is given by illustrated lectures, recitations and laboratory work, in which are presented the fundamental principles of the science of Chemistry. During the first part of the course the work is confined chiefly to the study of the non-metals, and laboratory exercises are prescribed to illustrate the general laws of the science. The latter part of the course is devoted to the chemistry of the metals. The more important chemical and metallurgical processes are presented in the lectures. In the laboratory every student performs an extensive series of experiments, by which he becomes familiar with the properties of the more common metals, and acquires that dexterity and skill which are essential for successful work in analytical chemistry. Three hours, first, second and third terms.

31. *Qualitative Analysis*. Elementary course. Prerequisites, Chem., 30, and Physics, 200, 201, 202. Required of students in Course C. This is essentially a laboratory course, accompanied by lectures introductory to the laboratory work. After acquiring the reactions of the elements and their compounds, which are used for their detection, the student applies this knowledge to the analysis of unknown substances, in solution and in the solid state. This course must be accompanied by Chem. 35. Two hours, first term.

32. *Qualitative Analysis*. Advanced course. Prerequisites, Chem. 30, 31. This is a continuation of Course 31, and comprises complete analysis of mixtures, commercial products, ores, minerals and metallurgical products. This course must be accompanied by Chem. 35. Two hours, second term.

33. *Blowpipe Analysis and Study of Minerals*. Prerequisites, Chem. 30, 31, 32. The laboratory work involves the identification of about one hundred mineral species by chemical and physical tests, with practice in determining crystal forms on models and minerals.

In the lectures the crystallography and description of mineral species, the mode of formation and occurrence of ore deposits and other products of economic value are discussed. This course must be accompanied by Chem. 35. Two hours, second and third terms.

34. *Inorganic Preparations*. Prerequisites, Chem. 30, 31. The course involves the preparation of a series of typical compounds in pure condition. This course must be accompanied by Chem. 35. Two hours, third term.

35. *Advanced Inorganic Chemistry*. Accompanying courses 31, 32, 33, 34. Prerequisite, course 30. This is a thorough course in general Inorganic Chemistry, special attention being given to chemical theory. One hour, first, second and third terms.

36. *Stoichiometry*. Recitations. Practice in solution of chemical problems. One hour, first term.

37. *Quantitative Analysis*. Shorter course. Prerequisites, Chem. 30, 31, 32, 35. This course familiarizes the student with the first principles of gravimetric analysis. It must be accompanied by course 36. Two hours, first term.

38. *Quantitative Analysis*. Longer course. This course must be preceded by Course 37, and includes the technical analysis by gravimetric and volumetric methods of ores, slag, alloys, coal, coke, minerals and chemical products. This course may be continued in the third term. Three hours, second term.

39. *Organic Chemistry*. Prerequisites, Chem. 31, 35, 37, 38. This is an elementary course especially adapted to students intending to study medicine. The lectures treat of the various classes of compounds of carbon, their formation, composition and properties and of the modern theories of the structure of molecules.

In the laboratory practice is given in ultimate analysis, and several typical compounds are prepared. Three hours, second term.

Organic Chemistry may be continued in the third term.

IV. DRAWING.

PROFESSOR NELSON.

50. *Geometrical and Industrial Drawing*. This course embraces free-hand lettering, construction in plain geometry and

orthographic projection. Text, Anthony's Mechanical Drawing. Three hours, first, second and third terms, Freshman year.

51. *Descriptive Geometry and Machine Drawing*. The descriptive geometry is taught by recitations and the solving of problems on the drawing board. Texts, Faunce's Descriptive Geometry; Low's Machine Drawing. Three hours, second and third terms, Sophomore year; two hours, third term, Junior year.

52. *Machine Drawing and Design*. Plotting of surveys and making of maps. Texts, Low and Bevis' Manual of Machine Drawing and Design; Carhart's Plane Surveying. Three hours, first, second and third terms, Senior elective.

V. ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR FULTON AND MR. CRAIN.

The aim of the work in English is three-fold: first, to stimulate the student to clear and forceful thinking; second, to train him in correct and effective expression; third, to make him acquainted with some of the masterpieces of English literature, and to help him to appreciate them and to love their authors. In recognition of the fundamental value and importance of the subject, English has been made a required study throughout the first three years in all courses. For Seniors it is elective.

Recently the resources of the English department have been increased by the equipment of the lecture-room with valuable maps and charts, and by the opening of a reading-room supplied with the most important reference-books, which are thus made accessible to the students of English during a number of hours each day.

60. *Grammar, Rhetoric and Composition*. Baskervill and Sewell's *English Grammar*, with special emphasis on syntax and idioms. Lewis's *First Book in Writing English*. Weekly themes on assigned subjects, corrected and discussed in frequent conferences between the instructor and the individual students. Freshman year.

61. *Literature*. Reading and criticism, with study of the author's lives. The object of this course is to teach students to read carefully and thoughtfully, and to help them to see the author's personality in his work. In addition to the books

studied in class, outside reading is required, with class-room reports. Freshman year.

Texts (in 1905-1906): Hawthorne's *The House of the Seven Gables*; Irving's *Sketch Book*; *Poets of the South* (edited by Painter); Longfellow's *Tales of a Wayside Inn*. Outside reading: Poe's *Tales*; Emerson's *Self-Reliance* and *The American Scholar*.

62. *Rhetoric and Composition*. Herrick and Damon's *Composition and Rhetoric*. Weekly themes, with conferences; the best productions are published in the *Cento*. One hour, Sophomore year.

63. *Literature*. Reading and criticism. An attempt is made, through inductive study of the first principles of literary art, to help the student to judge intelligently and independently of the excellence of various types of composition, and to aim at those excellences in his own work. Sophomore year.

Texts (1905-1906): Macaulay's *Essay on Warren Hastings*; Lamb's *Essays of Elia*; De Quincey's *Confessions of an English Opium Eater*; Burke's *Speech on Conciliation with America*, and five plays of Shakespeare.

64. *Literature*. Milton, Tennyson and Browning. In the work of this year, the student is made acquainted with the masterpieces of three of England's greatest poets, to the end of helping him toward an understanding of the elements of poetic art, and to the appreciation of poetic beauty.

First term, Milton: *Paradise Lost*, *Minor Poems*, *Samson Agonistes*. Second term, Tennyson: Rapid reading of a wide selection from his poems, including all the greater works. Third term, Browning: Critical study of characteristic poems, with a view to the intelligent comprehension of the poet's spirit and the technique of his art. Three hours; required of students in Courses A and B. Junior year.

65. *Higher Composition*. A practical course, intended specially for those pursuing scientific or professional studies. It aims to train students to think clearly and to express themselves effectively along the lines of their chosen work. This course is specially commended to students in the College of Law who feel the need of practice in writing. The work is based on Carpenter's *Elements of Rhetoric*, but is conducted largely by conferences with the individual students. One hour a week. Junior year.

Every member of the Junior class is required to write an oration during the year.

66. *Literature*. Analysis and criticism. The object of the course, which is elective, is a further and closer acquaintance with English poetry, and with the ever-developing spirit in the national mind, of which poetry is the highest expression. The work is carried on by rapid reading, discussions, and lectures. Three hours a week, Senior elective.

In 1905-1906, the topic of study is, "The Romantic Revolution in English Poetry," from 1750 to 1830. The development in form and spirit is traced through the work of Johnson, Goldsmith, Gray, Cowper, Burns, Wordsworth, Coleridge, Byron, Shelley and Keats.

Every member of the Senior class is required to write, before graduation, a thesis of 2,000 words on a subject approved by the professor of English.

VI. GREEK.

PROFESSOR REDD.

In this department the aim is to enable the student to acquire such a knowledge of the language as is essential to a liberal classical education. Stress is placed not only upon a careful study of the Greek language, its forms and syntax, but also upon the ancient Greek literature, its unity and originality, and the development, relationship and characteristics of its successive periods. Written examinations on Greek history and other subjects connected with Greek life are held each month.

70. *Elementary Course*. This course is offered to those students who have not studied Greek, and yet desire to take the classical course. An opportunity will thus be offered them to make up the entrance requirements. The work will be equivalent to the requirements for admission to the Freshman class.

71. *Lysias*. Five orations. Weekly exercises in translating from English into Greek, and monthly examinations in Greek history. The grammar is carefully reviewed and the general principles of syntax are applied to class reading. Three hours, first term, Freshman year.

72. *Herodotus*. Book VI. Weekly exercises in Greek prose composition, and monthly examinations in Greek history. Gram-

mar; syntax studied and discussed. Three hours, second term, Freshman year.

73. *Homer's Iliad or Odyssey*. Four books. Grammar; prose composition and history continued. Seymour's Language and Verse of Homer; Jebbs' Introduction to Homer. A study of Epic and Ionic literature. Four hours, third term, Freshman year.

74. *Plato's Apology and Crito*. A brief sketch of Greek philosophy. Syntax, prose composition and history continued. Four hours, first term, Sophomore year.

75. *Euripides*. (One play.) A study of the Greek theater, and the origin and development of the Greek drama. Metrical analysis of the play. Syntax, prose composition and history continued. Four hours, second term, Sophomore year.

76. *Æschines against Ctesiphon*. A study of the Attic orators, and of the social and political life of the Greeks. Syntax, prose composition and history continued. Four hours, third term, Sophomore year.

77. *Demosthenes on the Crown*. A careful analysis of the argument and structure of the oration. A study of the Macedonian influence and of Athenian politics. Goodwin's Greek Moods and Tenses. Prose composition. Three hours, first term, Junior elective.

78. *Sophocles' Antigone*. A study of Greek drama and its influence. Metrical analysis. Jebb's Primer of Literature; Haigh's Attic Theater. Three hours, second term, Junior elective.

79. *A Tragedy of Sophocles or Euripides*, with metrical analysis. Study of Greek drama continued. Three hours, third term, Junior elective.

80. *Thucydides*. Goodwin's Greek Moods and Tenses. A study of the development of Greek history. Three hours, first term, Senior elective.

81. *A Tragedy of Aeschylus*, with metrical analysis. History of Greek literature. Moulton's Ancient Classical Drama. Three hours, second term, Senior elective.

82. *A Comedy of Aristophanes*. Special study of Greek comedy. Three hours, third term, Senior elective.

83. *Greek Archaeology*. An outline study of the development of Greek art. This course is open to all students, as a knowledge of Greek is not essential. Three hours, Senior elective.

84. *New Testament Greek*. This course is offered specially to those students who expect to prosecute the study further in Theological Seminaries. Three hours, Senior elective.

VII. HISTORY.

PROFESSOR THROCKMORTON.

Two hours per week of American history are required during the Spring term of all members of the Junior class. Elective courses in European and American history, occupying three hours per week throughout the session, are offered to the Junior and Senior classes. The courses alternate every other year, thus enabling the student to enjoy two full years of historical study in addition to the required work. A detailed statement is given below.

90. *American Colonial History*. The period of discovery and exploration is passed over rapidly, and a close study is made of the settlement of the several colonies, their government, and their social and economic conditions. Attention is called to the community of interests in the colonies and to their early jealousy of interference from the mother country. Junior required, two hours, third term. Thwaites' *The Colonies*.

91. *Mediaeval History*. In this course is included a general outline of European history from the invasions of the barbarians to the dawn of the Protestant Reformation, with particular attention to the Holy Roman Empire, the Papacy, the Crusades, the Revival of Learning, and the Italian Renaissance. Through contact with the sources, the student is enabled to acquire knowledge at first hand, his interest is quickened, and he is encouraged to draw independent conclusions in regard to the great movements of the period. Junior and Senior elective, three hours. Given during the first term, 1904, and every second year thereafter, alternating with Course 92. Robinson's *History of Western Europe, Part I*; Robinson's *Readings in European History, Vol. I*.

92. *Modern European History*. Taking up the thread of European history at the beginning of the sixteenth century, detailed study is made of the Protestant Reformation, the French Revolution, and the rise of the Modern European States. Free use is made of the sources in addition to the text and lectures. Junior and Senior elective, three hours. To be given during

the first term, 1905, and every second year thereafter, alternating with Course 91. Robinson's *History of Western Europe, Part II*; Robinson's *Readings in European History, Vol. II*.

93. *English History to the Reign of Elizabeth*. A study is made of the history and institutions of early England, the nature and results of the Norman Conquest, and the growth of the English nation and monarchy to the accession of Elizabeth. The text and source book are supplemented by lectures and by research work and essays which are required of the students. Junior and Senior elective, three hours. To be given during the second and third terms, 1906, and every second year thereafter, alternating with Course 95. Cheyney's *Short History of England*; Colby's *Selections from the Sources of English History*.

94. *English History From Elizabeth to Edward VII*. Full consideration is given to the age of Elizabeth, to the constitutional struggles of the English people with the Stuart kings in the seventeenth century, the social changes of the eighteenth and nineteenth centuries, and the expansion of England from an island kingdom to a world-encircling empire. Lectures and essays. Junior and Senior elective, three hours. To be given during the third term, 1906, and every second year thereafter, alternating with Course 96. Cheyney's *Short History of England*; Colby's *Selections from the Sources of English History*.

95. *American History From 1750 to 1829*. Attention is devoted to the causes, the difficulties, and the ultimate triumph of the American Revolution, the adoption of the Federal Constitution, the formation and doctrines of political parties, and the growth of the country in territory and population during the first forty years of federal government. Lectures, essays and maps. Junior and Senior elective, three hours, third term, 1905, alternating with Course 93. Hart's *Formation of the Union*; Hodder's *Outline Maps*.

96. *American History From Jackson to Roosevelt*. The chief interest of this course centers in the critical changes in affairs wrought by President Jackson, the long agitation over the slavery question, secession, the Civil War, and the reconstruction of the Southern States. Lectures, essays, and maps. Junior and Senior elective, three hours, third term, 1905, and every second year thereafter, alternating with Course 94. Wilson's *Division and Reunion*; Hodder's *Outline Maps*.

VIII. LATIN.

PROFESSOR CHEEK.

100. *Orations of Cicero*. Three hours, first term, Freshman year. Required of students in Courses A and B.

101. *Cicero's De Amicitia or De Senectute*. Three hours, second term, Freshman year. Required of students in Courses A and B.

102. *Horace's Odes or Satires*. Three hours, third term, Freshman year. Required of students in Courses A and B.

103. *Latin Composition*. One hour, first and second terms. Required of students in courses A and B.

104. *Roman History*. Through the year. Written examinations. Required of all students taking Freshman Latin.

105. *Livy*. Three hours, first term, Sophomore year. Required of students in Courses A and B.

106. *Agricola or Germania of Tacitus*. Three hours, second term, Sophomore year. Required of students in Courses A and B.

107. *Andria and Heauton Timorumenos of Terence*. Three hours, third term, Sophomore year. Required of students in Courses A and B.

108. *Latin Composition*. One hour, through the year. Required of all students taking Sophomore Latin.

109. *Roman History*. Through the year. Written examination. Required of all students taking Sophomore Latin.

110. *Annals of Tacitus*. Three hours, first term. Parallel readings will be assigned. Junior elective for those having completed the Latin of the Freshman and Sophomore years.

111. *Satires of Juvenal*. Three hours, second term. Parallel readings will be assigned. Junior elective for those having completed the Latin of the Freshman and Sophomore years.

112. *Comedies of Plautus*. Three hours, third term. Parallel readings will be assigned. Junior elective for those having completed the Latin of the Freshman and Sophomore years.

113. *Roman Literature*. Through the year. Written examinations. Required of all students taking Junior elective Latin.

IX. MATHEMATICS AND ASTRONOMY.

PROFESSOR CROOKS AND PROFESSOR NELSON.

Courses 121-123 are required of every candidate for a degree.

All courses offered by the department are open to any student who is prepared to take them, and are so arranged as to meet the needs of the student who is pursuing the study of mathematics merely as a discipline, or who is preparing for graduate work or to enter an engineering profession.

The supply of engineering and astronomical instruments belonging to the department includes transits, levels, compasses, sextants, a six-inch telescope, and other valuable instruments. The commodious and admirably lighted drawing-room is equipped with desks of the most approved pattern.

It is very important that the work of preparation for admission be thoroughly done and that the student know his mathematics at the time of entrance, since the work of each class involves all previous work and leaves little time for making up deficiencies. It is, therefore, suggested that the work required for admission be reviewed as short a time as possible previous to entrance.

120. *Algebra*. The subjects treated are ratio and proportion, the progressions, undetermined co-efficients, permutations and combinations, binomial theorem for negative and fractional exponents, logarithms and their application to interest and annuities, convergency, divergency and summation of series. First term, four hours. Required of all Freshmen. PROF. CROOKS.

121. *Solid and Spherical Geometry*. In addition to the study of the text, constant attention is given to the formal demonstration of original theorems and to the solution of numerical problems. Second term, four hours. Required of all Freshmen. PROF. CROOKS.

122. *Plane Geometry*. This course begins with Book III, and completes Plane Geometry. The topics are proportion, similar polygons, regular polygons, measurement of the circle, and a brief study of maxima and minima of plane figures and symmetrical figures. Original theorems and problems.

(After the session of 1905-1906 this course will be required for admission into the Freshman class.)

Second term, four hours. Required of all Freshmen.

PROF. CROOKS.

123. *Plane and Spherical Trigonometry*. Special emphasis is placed upon the general definitions of the functions, the relations of the functions, the reduction of trigonometry identities,

the solution of trigonometric equations, and the development of formulae. Much time is devoted to the solution of both plane and spherical triangles. Third term, four hours. Required of all Freshmen. PROF. CROOKS.

124. *Advanced Algebra*. A continuation of Course 120. The solution of numerous problems on past work in algebra is followed by an introductory course in determinants on the theory of equations. First term, four hours. PROF. CROOKS.

125. *Analytic Geometry*. The course begins with the construction of many curves from their equations in order that the relation between the curve and its equation and the possibility of studying loci by means of their equations may be evident from the first. This is followed by a study of the straight line, the conic sections, and the general equation of the second degree with its interpretation, together with the solution of numerous exercises. The aim is to familiarize the student with the analytic method and its use in the discovery and demonstration of geometric properties of loci. Second term, four hours.

PROF. CROOKS.

126. *Analytic Geometry*. A continuation of Course 125. This course includes a brief study of higher plane curves and an introduction to analytic geometry of three dimensions. As in Course 125, one of the chief aims is to teach the student a new method and to assist him to acquire some power and skill in its use in the study of curves and surfaces. Third term, four hours.

PROF. CROOKS.

127. *Differential Calculus*. The chief topics treated are the differentiation of functions of a single variable, expansion of functions, maxima and minima, indeterminate form, differentiation of functions of two variables, tangents and normals. First term, three hours. PROF. NELSON AND PROF. CROOKS.

128. *Differential and Integral Calculus*. A continuation of course 127. In this course asymptotes, contact and curvature, envelopes, and the general methods of integration are studied. Second term, three hours. PROF. NELSON AND PROF. CROOKS.

129. *Integral Calculus*. A continuation of Course 128. Integration as a summation, rectification of curves, areas, volumes, successive integration. Third term, three hours.

PROF. NELSON AND PROF. CROOKS.

130. *Analytic Mechanics*. Forces producing equilibrium; center of gravity; friction, machines; central forces; constrained motion; impact; work and energy; rotary motion; motion of a system of rigid bodies in space. Three hours, Senior elective.

PROF. NELSON.

131. *Astronomy*. This course is mainly descriptive and historical. Its purpose is to give the student a knowledge of the facts and principles of the science, and make him acquainted with the instruments and methods by which they have been discovered and deduced. The recitations are supplemented by observations of the heavenly bodies. The student is also taught how to locate the principal stars and constellations. A knowledge of physics and trigonometry is essential. Text, Young's *Intermediate Astronomy*. Three hours, Senior elective.

PROF. NELSON.

132. *Surveying*. Heights and distances; computation of areas; plotting and mapping; compass and transit surveying; laying out and dividing land; leveling. Text, Carhart's *Plane Surveying*. Three hours, Senior elective.

PROF. NELSON.

X. MODERN LANGUAGES.

PROFESSOR BLAYNEY.

MR. ——— AND MR. ———.*

The courses offered in this department are either practical and cultural, linguistic, or literary, according to the needs and taste of the student. The courses, 143, 144, 145, 147, 148, 149, are chiefly practical in character, with the immediate end in view of giving the student at the earliest possible moment that command of the language which may be of use to him in after life in his business or profession, and which is indispensable in the equipment of the cultivated scholar. To accomplish this result modern and thoroughly scientific methods are employed. The department, however, does not lose sight of the fact that these practical and elementary courses are offered in the lower collegiate classes; that they are on a par with and in certain cases a substitute for the Ancient Languages; and that they have, there-

*Instructors to be elected.

fore, a more important object to accomplish than merely placing the student in command of an idiom. The high pedagogic possibilities of the Modern Languages, as exemplified by the important position they now occupy in the leading institutions, is appreciated, and therefore the mental, moral and æsthetic training they can give, as most important mediums of general culture, emphasized both as regards grammatical treatment and choice of subject matter. The undergraduate departments are not intended to train specialists, but to give a well-rounded education.

The student having completed the elementary and required courses and having a facility in the language which warrants the undertaking of the higher and more special work, the department offers for his selection a variety of literary and linguistic courses. Though all of these courses are not offered in any one year, yet they are so arranged that they follow in natural sequence. In these courses the department places at the disposition of the students of the higher collegiate classes and, in certain cases, of the graduate courses, elementary literary and linguistic courses, serving at once as the natural continuation of required work and as precursors of special work in the graduate courses, should the Bachelor desire to acquire by graduate work in the Modern Languages the advantages of the Master's Degree. The undergraduate literary and linguistic studies are elective but presuppose the completion of all courses up to, and including, 151, with the single exception of 147. In the literary courses the masterpieces are critically read and the effort is made by means of lectures and parallel assigned readings to create the atmosphere proper to a right appreciation of the text. The development of the literature is followed in lectures. In the linguistic courses the attention of the student is directed to the history of the language proper and its dialects; its relation to the other languages, especially to the English and the Indo-Germanic groups. These courses are intended especially for teachers and those intending to specialize in the one or the other of the languages. During the entire connection of the student with the department every opportunity is given him, if he show special aptitude, to acquire ability to speak the language.

In the Modern Language reading-room adjoining the department recitation room in East Breckinridge hall, the student will find ample facilities for investigative work. Drawers are

provided with lock and key for individual use. The encyclopædias of Brockhaus and Larousse and an excellent library of foreign works of reference, both grammatical and literary, are at his disposition.

For information concerning graduate work the student is referred to the Germanic and Romanic Departments of the graduate courses.

GERMAN LANGUAGE AND LITERATURE.

140. *Elementary German*. Elements of the German. Translation of German into idiomatic English. Careful drill on pronunciation. Daily exercise in composition. First term, four hours.

141. *Elementary German* (continued). Daily review of previous work, especially of the inflections. Daily but more limited exercise in composition. Reading outside the grammar begun. Memorizing of poems and colloquial sentences. Special attention given to pronouns and verbs. Second term, four hours.

142. *Elementary German*. Continuation of 140 and 141. Rapid reading for the purpose of equipping the student with an extended vocabulary. Review of grammar based on short daily exercises in composition. Easier syntactical problems mastered. Class criticism by students. Teaching mainly conducted in German.

Courses 140, 141, 142 do not count for Freshmen toward graduation, and can only be taken by Freshmen of Courses B and C who have been conditioned at entrance examination and by classical students desiring to begin German.

143. *Intermediate German*. Rapid reading of stories by Wildenbruch, Seume, Fulda, etc. Review of Elements of Grammar continued by daily composition. Introduction to abstruser problems of syntax. First term, three hours.

144. *Literary German*. More difficult selections read—Heyse, Freytag, Dahn, etc. Sight reading. Memorizing. Composition. Syntax. Second term, three hours.

145. *Literary German* (continued). Selections from Sudermann's *Katzensteg*, Rosseger's *Waldschulmeister*, Scheffel's *Ekkehard*, Freytag's *Soll und Haben*, etc. Sight reading. Composition. Third term, three hours.

In courses 143, 144, 145, parallel reading is required outside the class-room.

146. *German History to the Reformation*. Parallel reading

in English. Regular monthly examinations on texts read. This course is supplemental to 143, 144, 145, and required throughout Freshman year.

147. *Elementary German Conversation*. These courses are offered to students who show special aptitude and who desire a more practical knowledge of the language. For effective work classes are limited in number. Time to be arranged.

148. *Introduction to the Dramatists*. Freytag's *Die Journalisten*, Lessing's *Minna von Barnhelm*, Goethe's *Götz von Berlichingen*. Composition. Sight-reading. First term, three hours.

149. *Classical Drama*. Rapid reading of the chief works of Schiller and Lessing. *Nathan*, *Emilia Galotti*, *Maria Stuart*, *Die Jungfrau von Orleans*. Collateral reading in Kluge's *Geschichte der Deutschen National-Literatur*, and in other works. Sight reading. Second term, three hours.

150. *Goethe*. *Faust I*, *Werther's Leiden*, etc. Parallel reading in Kluge, and Lewes' *Goethe*. Sight reading. Third term, three hours.

151. *German History Since the Reformation*. Parallel reading in English and German to courses 148, 149, 150 throughout Sophomore year. Monthly examinations.

152. *Advanced Conversation*. Open only to students who have taken course 147. Time and hours to be arranged.

153. *German Literature of the Nineteenth Century*. Rapid reading of selections from modern authors, with reports and essays on their lives and works in German.

154. *Das Niebelungen Lied*. Rapid reading of modernized text. Collateral reading and reports.

155. *Blüte des Ritterlichen und Höffischen Epos*. Introduction to the Epics of the Middle Ages. Extensive reading. Essays. Reports.

156. *Scientific German*. A course intended for those wishing to specialize in the natural sciences.

157. *The Language of Law and Diplomacy*. A course for students intending to study law or enter the service of the government abroad.

158. *German Historical Prose*. Rapid reading in historical and biographical criticism. Introduction to special work in history.

159. *Phonetics and Orthography*. Lectures on the Modern

High German, including accent and stress. Alternates with 154.

160. *History of the German Language from 1500 to Goethe.* Lectures on the development of Modern High German from Luther to 1800. Alternates with 153.

161. *Introduction to Germanic Philology.* A connected consideration of the principal facts of linguistic development as illustrated by the Gothic, Old High German and Middle High German. Alternates with 155.

ROMANIC LANGUAGES AND LITERATURES.

162. *Elementary French.* Thorough drill on the elements of the Grammar. Careful exercise in pronunciation. Daily exercise in composition. Dictation. First term, three hours.

163. *Elementary French.* (Continuation of 162.) Grammar continued. Review work by means of daily graduated exercises in composition. Reading begun. Special attention given to the verbs. Memorizing of easy poems. Second term, three hours.

164. *Elementary French.* (Continued.) Rapid reading of easy prose. Grammar continued by means of composition work daily. Sight reading. Third term, three hours.

165. *French Prose of the Nineteenth Century.* Dumas père, Mérimée, Michelet, Verne, Loti, etc. Grammar. Composition. First term, three hours.

166. *French Literature of the Seventeenth Century.* Corneille, Racine, Molière, Bossuet, La Fontaine, Mme. de Sévigné, etc. Collateral reading. Second term, three hours.

167. *French Literature of the Eighteenth Century.* Voltaire, Diderot, LeSage, Rousseau, Montesquieu, etc. Parallel reading, Reports. Third term, three hours.

168. *The Sixteenth Century.* The period of transition. Marot, Ronsard, Rabelais, Montaigne and other representative writers of the Renaissance. Alternates with 165. First term, three hours.

169. *Contemporary French Literature.* Rapid reading from living authors. Large amount of parallel reading required. Alternates with 166. Second term, three hours.

170. *The Dawn of the Romantic Period.* Mme. de Stäel, Chateaubriand, Lamartine, etc. Rapid reading of chief works. Collateral biographical reading. Alternates with 167. Third term, three hours.

171. *French History to Reign of Henry IV.* Collateral readings required as supplemental to Courses 162, 163, 164. Monthly examinations.

172. *History of France From Henry IV to Our Day.* Outside reading required of all those taking Courses 165, 166, 167. Monthly examinations.

173. *Elementary Conversational French.* Open to those students who have shown marked ability, and who desire a practical knowledge of French. Time and hour to be arranged.

174. *Advanced French Conversation.* Continuation of 173. For graduate courses in French see Graduate Instruction.

SPANISH.

175. *Elementary Spanish.* Grammar. Composition. Pronunciation. First term, two hours.

176. *Elementary Spanish.* (Continued.) Grammar. Composition. Reading of easy prose begun. Second term, two hours.

177. *Elementary Spanish.* (Completed.) Rapid reading of more difficult prose by standard modern authors. Third term, two hours.

These courses are intended for those desiring to learn, as rapidly as possible, to read Spanish. Strict attention is given to accurate pronunciation according to the rules of the Spanish Academy. Students are not allowed to begin Spanish and Italian in the same year.

178. *Introduction to Spanish Prose Writers.* Rapid reading of more difficult prose—Valera, Galdos. First term, two hours.

179. *Spanish Writers of the Nineteenth Century.* Alarcon, Pereda, Echegaray. Second term, two hours.

180. *Cervantes. Don Quixote.* Study of his life and works. Collateral reading and reports. Third term, two hours.

ITALIAN.

181. *Elementary Italian.* Careful drill in grammar. Daily exercise in composition. Pronunciation. First term, two hours.

182. *Elementary Italian.* (Continued.) Reading of easy prose begun. Grammar continued. Daily exercise in composition. Second term, two hours.

183. *Elementary Italian.* (Continuation of 182.) More difficult prose rapidly read for the purpose of acquiring a working vocabulary. Grammar. Composition. Third term, two hours.

184. *De Amicis*. Rapid reading of his better works. Collateral biographical reading. First term, 2 hours.

185. *Manzoni*. Selections from his chief prose works read. Parallel reading required. Second term, two hours.

186. *Goldoni*. His life and works. Class work, collateral reading, and reports. Third term, two hours.

XI. ORATORY.

MR. SAXON.

The aims of this department are: To cause the student to observe himself, and to become conscious of his possibilities, ideal as well as actual, and to compare the one with the other; to stimulate thinking and to inspire the student to recognize the spontaneous activity of his own nature; to awaken the imaginative and creative faculties of the man; to train the voice and body to be more flexible and responsive to the mind; and to guard carefully the individuality of the student, that delivery may be developed along the line of nature's intentions.

The work done in the Department of Oratory embraces studies, exercises and problems. Each study takes up one of the restrictions which hinder the free use of the agents of expression; each exercise shows how that restriction can be removed; each problem, the result of practicing the exercise.

First Year. Vocal and Pantomimic Training; Extemporaneous Speaking; Criticism.

Second Year. Vocal and Pantomimic Training; Extemporaneous Speaking; Debate; Criticism.

Third Year. Advanced Vocal and Pantomimic Training; Vocal Interpretation of Literature; Impersonations; Debate; Criticism.

XII. PHILOSOPHY.

PROFESSOR LOGAN.

190. *Psychology*. During the first term an elementary course is given preparatory to the study of Logic; Advanced Psychology and Metaphysics, and Theoretical Ethics. Three hours, Junior year.

Text: Hill's Elements of Psychology.

191. *Logic*. The problems, principles and rules of Deductive Logic; the principles and processes of the Scientific Method,

or Inductive Logic. Three hours, second and third terms, Junior year.

Text: Wilton's Manual of Logic, Vols. I. and II.

192. *Christian Evidences*. The Philosophy of Christian Evidences is pursued by recitation, commentary adapting and enlarging upon the text, and by abstracts prepared by the students and read in class. Three hours, first term, Senior year.

Text: Butler's Analogy.

193. *Psychology and Metaphysics*. In this course the student is taught to erect the theory of mind by inductive procedure. Facts furnish the material and the tests of doctrine. The student is asked to try the validity of theory by appeal to his personal consciousness. The different powers and processes of the mind's activity are distinguished by their objects, their relations, their laws and the products; and the trustworthiness of the various processes and products of the activities is explained. Special prominence is given to the intuitions, and much pains is taken to explain and enforce the logical and ethical importance of a sound metaphysic.

The validity of knowledge as resting on the necessary principles of the reason; the reality of human knowledge, both of the natural and the spiritual, as the datum of the consciousness of knowing, and as opposed to all agnostic theory are carefully considered. Man's real knowledge of himself and of the universe of things is shown to have its end and to be completed in his knowledge of God; thus leading the thought through nature to nature's God and exhibiting the theistic conception of the world as the only rational, scientific system. Three hours during the year. Senior elective.

Text: Harris' Philosophical Basis of Theism.

194. *History of Philosophy*. A course in the History of Philosophy is offered to acquaint the student with the logical progress of philosophical thought, and with the systems of the great masters in the sequence of their development. Three hours second and third terms. Senior elective.

Text: Weber's History of Philosophy.

195. *Theoretical Ethics*. Theoretical Ethics is considered in the ground of moral obligation, the moral function of the will, the conscience, the nature of virtue, and the moral law.

Freedom is predicable of the person, not of a distinguishable

faculty; free agency attributable to man, not "free will." The moral agent is self-determined—has the power to be the cause of his own action. Self-determination culminates in volition. Volition is regulated by motive. Motive is the subjective disposition in active appetency. Inducement to be distinguished from motive.

The moral reason, or conscience, is an original power of apprehending the right and obligatory. The moral judgment cannot be analyzed into any simple elements. It is an intuition. The conscience asserts and is conceded a supremacy over all other powers and actions. Two hours, first term, required, second and third terms. Senior elective.

Text: Dabney's Practical Philosophy.

XIII. PHYSICAL TRAINING AND HYGIENE.

DR. CHEEK AND MR. HUDSON.

Hygiene.

A course of lectures on the general principles of hygiene, the laws of health, the nature of disease, specific causes of disease, the prevention of disease, exercise as related to health, and other topics of importance at the pubertal age.

One hour, first term, Freshman year.

DR. CHEEK.

Physical Culture.

The college gymnasium is thoroughly equipped in every particular. The apparatus is all of the best, and comprises everything needful for indoor exercise. There are both shower and tub baths. A baseball cage in connection furnishes opportunity for catching, throwing and light batting practice throughout the winter. The offices for the physical director are also located in the gymnasium building.

All exercising is done under the direct supervision of an experienced instructor, and the attempt is made to suit work to the special needs and limitations of individual students. In cases of weak heart or disorder of any kind, due care is taken to prevent exertion that is too violent or improper in other respects.

Freshmen and Sophomores are required to take gymnasium work two hours a week. This class exercise consists mainly of dumb-bell, Indian-club, and chest-weight movements, designed to bring all the muscles up to a symmetrical development. During the Winter term, when football, baseball, track athletics and

tennis are out of season, gymnasium classes are held every afternoon. These classes are open to all. MR. HUDSON.

On the first Friday night in March the annual gymnastic exhibition is held.

Field and track athletics are encouraged by the Faculty within proper limits, and the training is carried on under the direction of competent instructors. The athletic field is one of the best in the south.

XIV. PHYSICS.

PROFESSOR GORDON, MR. NELSON AND MR. LINNEY.

The physics lecture room and an adjoining room used for apparatus and a private laboratory are situated on the first floor of the main college building. Four rooms in the basement are used for laboratory instruction.

The department possesses a good supply of apparatus both for lecture and laboratory purposes. A large dark room is used for photographic, photometric and spectroscopic work. In the dynamo room are direct and alternating current dynamos and motors, transformers, electric lamps and various forms of measuring and testing instruments. A shop has been recently equipped to provide instruction in wood and metal work. Power for the machine shop and the dynamo room is furnished by a gas engine.

Courses 200, 201 and 202 constitute a course in general physics required of all students candidates for a degree. It may be taken by those who have had no previous study of the subject, but a high school course in preparation is advisable. The instruction is given by means of lectures with demonstrations, recitations on lessons assigned and laboratory work. The laboratory exercises are both qualitative and quantitative. The student writes an account of each exercise together with answers to related questions and problems in a note book.

200. *Mechanics and Heat.* Three times a week,—one single and two double periods. First term.

201. *Sound and Light.* Three times a week. Second term.

202. *Electricity and Magnetism.* Three times a week. Third term.

Text: For these, Ames' General Physics.

203. *Electrical Measurements.* One recitation and two lab-

oratory periods a week. First term. Galvanic cells, galvanometers and the methods of measuring resistance.

Texts: Thompson's Electricity and Magnetism; Carhart and Patterson; Stewart and Gee; Ames and Bliss.

204. *Electrical Measurements*. One recitation and two laboratory periods a week. Second term. Measurement of capacities, inductances and magnetic quantities.

Texts: Thompson's Electricity and Magnetism; Carhart and Patterson; Stewart and Gee.

205. *Electric Light and Power*. Three times a week, recitations and laboratory. Second term. Dynamos, motors, transformers and electric lamps.

206. *Electrical Appliances*. Three times a week, recitations and laboratory. Third term. Telephone, telegraphy, induction coils, medical and dental apparatus.

207. *Light*. Three times a week, recitations and laboratory. Third term. Photometry, lenses and optical instruments, the use of the spectroscope and polariscope.

208. *Machine Shop Practice*. Three times a week—eight to ten hours. First term. Wood and Metal turning, forging, tempering and grinding of tools, boring and fitting, screw and gear cutting and drilling.

The preceding courses are primarily for undergraduates. The following more advanced courses are for graduates or undergraduates who have had sufficient preliminary courses. Physics 200 to 206, must precede 209, 210 and 211. For 212, 213 and 214, Physics 200 to 204, Mathematics 125, and Chemistry 30, 31, 32 and 35, are necessary, while Calculus and a reading knowledge of German are very desirable prerequisites.

209. *Direct Current Machinery*. Three times a week. First term. The theory and designing of direct current generators and motors, with laboratory tests.

210. *Alternating Current Machinery*. Three times a week. Second term. Recitations and laboratory tests on alternating machinery.

211. *Transmission and Distribution of Electricity*. Three times a week. Practical engineering problems. The several systems compared. The study of electric plants in operation.

212. *Chemical Physics*. Three times a week. First term. Lecture and recitations on the theory of atoms, molecules and

solutions. Laboratory work on specific gravities and molecular weights by the vapor tension, boiling-point, and freezing-point methods.

213. *Electrochemistry*. Three times a week. Second term. Recitations and laboratory work on the conductivity of solution, galvanic cells, and the deposition and refining of the metals by electrolysis.

214. *Thermochemistry and Chemical Dynamics*. Three times a week. Third term. Recitations and laboratory work on thermodynamics, heat of reactions, the law of mass action and the phase rule.

Text: For 212-214 Jones's Physical Chemistry.

XV. POLITICAL ECONOMY AND POLITICAL SCIENCE.

PROFESSOR THROCKMORTON.

Three hours a week in Economics and Political Science are required throughout the Senior year of all candidates for a degree. A statement of the course in detail is given below:

220. *Economics*. A study of the rise and progress of modern industry in England and the United States serves as an introduction to this course, and is followed by a study of economic principles with special reference to American conditions. Economic theory and practice are not studied as things apart, but throughout the course the endeavor is made to show their intimate connection. The more important questions in distribution, such as rent, interest, profits and wages are given detailed consideration with reference to existing competitive and monopoly conditions. Essays on assigned economic topics are required of each student and certain of these are selected to be read in class as the basis of a general discussion. Senior required, three hours first and second terms. Seager's *Introduction to Economics*.

221. *Constitutional Law*. This course consists of lectures on the historic development and present practice of the English government, and lectures on American colonial institutions, followed by a detailed study of the Constitution of the United States and the actual workings of the Federal government. Attention is called both to the theory and to the practice of governments, and the student is encouraged to make instructive comparisons. Senior required, three hours third term. Cooley's *Principles of Constitutional Law*.

GRADUATE INSTRUCTION.

AIMS.

It is the chief purpose of the Graduate Department to surround the student with that atmosphere which shall be the means of awakening in him an earnest sympathy with, and devotion to, the cause of the advancement of knowledge. It is at all times the endeavor of those in charge of the graduate work to excite a truly scholarly spirit by means of intimate personal guidance.

It is possible, and even advisable, that the student so arrange his undergraduate work in the college that it lead naturally to graduate study. The curriculum of the academic course contains, for this purpose, "undergraduate and graduate" courses, intermediate between courses intended primarily for undergraduates and those designed principally for graduates. By consultation with those in charge of graduate subjects the student will be enabled to so arrange his studies that he may obtain all the benefits of the broader education of the Academic Departments, and, at the same time, converge his efforts in such a manner that he may be in a position to do efficient graduate work.

LABORATORY AND SEMINAR FACILITIES.

In the Graduate Department the College aims to furnish the student with all the necessities for efficient work. The greater part of the courses which are now being taken are conducted in well-equipped laboratories and seminars. These are being continually added to and enlarged. It is in the laboratory and seminar that the student reaps the fullest benefits of graduate work, and is encouraged by the personal direction of the professor to original investigation of an advanced character.

Graduate students have, at all times, access to the general library, as well as to the special libraries of the laboratories, seminars and department heads, and are thus enabled to prosecute work of advanced nature under favorable conditions.

METHODS OF INSTRUCTION.

The instruction in the Graduate Department is carried on either by means of lectures, class-room, laboratory, or seminar work, courses of investigative reading, original research work,

or by various combinations of the foregoing. In assigning graduate work the professors are largely governed by the needs and temperament of the candidate. In every case the work allotted to the individual student is that which, in the judgment of the Committee on Graduate Studies, meets best individual requirements and existing conditions.

The lectures for candidates for the Master's Degree aim to bring the latest investigations in that particular field to the notice of the student. In those departments, where independent research work along literary or scientific lines is being carried on, the lectures embody the results of such work. Class-room courses are required to be supplemented by courses of parallel reading or investigation. Where the greater part of the work must, on account of its peculiar nature, be done by exhaustive reading or personal investigation, such study is continually reviewed by the professor in charge. The greatest care is taken to make the work, whatever its nature, in every case thorough and scholarly.

FELLOWSHIPS.

In order to encourage more extended original work than the academic courses afforded, the University has provided a number of Fellowships amounting to \$75 each, to be given to worthy young men of the Graduate Department, who in return may be called upon to assist in the department to which they may be assigned.

The regulations governing the assignment of fellowships are as follows:

1. The candidate must be of good moral character and have shown ability and application in his undergraduate work.
2. The applicant must be a candidate for the degree of A. M.
3. Application must be made in writing to the Committee on Graduate Studies.
4. The application must be accompanied by either a recommendation from the head of the department in which the candidate proposes to specialize, or, in case the student comes from some other institution of recognized standing, by the presentation of proper credentials.
5. Fellowships can only be held by those whose education is represented by a college degree. However, application may be made by students about to take such a degree, since these

regulations apply to the time of entrance upon the duties of the fellowship.

A fellow shall pursue his studies under the immediate supervision of the professor or professors having charge of his major and minor studies. Such University services as may be required of a fellow shall be assigned by the President of the University in consultation with the head of the department conducting the major work.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS.

Bachelors of the several courses of the academic department of Centre College of Central University of Kentucky, or graduates of other institutions having requirements for the baccalaureate degree which are substantially equivalent, may be enrolled in the Graduate Department as candidates for the degree of Master of Arts, (A. M.)

Application for enrollment must be made in writing to the Committee on Graduate Studies not later than October 1st of the collegiate year in which the degree is to be taken. In case the degree is not conferred after one year of study a second notice must be filed with the Committee three months before the second examination, accompanied by a fee of \$25.00.

With the application an outline of the candidate's intended course of graduate study must be submitted together with the signed approbation of the professors with whom he expects to work. This choice of subjects is final.

The tuition fee of the Graduate Department is \$66.00, payable in advance in three equal installments at the opening of each term. In addition a diploma fee of \$10.00 is charged, payable when the Thesis is submitted for examination.

The degree of Master of Arts will be conferred upon those candidates who, having complied with the above requirements, shall have completed the required graduate work as follows:

1. They shall have completed to the satisfaction of the professors in charge a course of graduate study, which is the equivalent of fifteen hours of class work a week.
2. This course shall be pursued at this College during a residence of not less than one collegiate year. Work "in absentia" will not be recognized towards a degree.

3. This course of study shall consist of a principal subject (Major) and a subsidiary subject (Minor).

4. The Major and the Minor subjects must be chosen, with the consent of the Committee on Graduate Studies, in different but related departments.

5. The courses must be of an advanced character and the work done by a candidate show zeal and ability. No subject counted for the baccalaureate degree or towards a professional degree will be counted for the Master's Degree.

6. Of the fifteen hours of required work a week, five hours shall be devoted to the minor subject.

7. Not later than one month before Commencement the candidate must submit to the Committee on Graduate Studies a thesis approved by the professor in charge of the major course.

8. The candidate's thesis having been approved by the Committee, he must pass a satisfactory examination before a board of three examiners, consisting of the professors in charge of the candidate's major and minor subjects and a representative of the Committee on Graduate Studies. The signatures of the three members of the examining board must appear on the report of the examination to the President of the University.

9. Before the successful candidate receives his diploma he must deposit in the University Library a typewritten copy of his thesis, properly bound.

GRADUATE COURSES OF INSTRUCTION.

I. BIOLOGY.

PROFESSOR FALES.

300. *Botany*. Special morphology and histology. Experimental investigation of physiological problems. Plants injurious to vegetation. Local ecology. Bacteriology. Paleobotany.

301. *Zoology*. Comparative osteology. Embryology. Cytology. Economic entomology. Paleozoology.

302. *Geology*. No fixed course will be established to fit all cases. Different subjects will be assigned to the various candidates suited to develop accuracy of observation and test powers of generalization.

The following statement will give an idea of the kind of work required:

Examination and discussion of particular memoirs, which present especially interesting problems.

Personal investigation of some local phase, as section making with specific attention to the lithological and paleontological contents of formations from Trenton to St. Louis.

Study of local fossil fauna and flora, careful scrutiny of species which lived through more than one epoch to determine as far as possible the amount of variation and probable causes for it.

The candidate will collect all the material for his work.

II. CHEMISTRY.

PROFESSOR PALMER.

Candidates for the degree of Master of Arts in chemistry should possess a good reading knowledge of German, and must have had at least one year's work in experimental Physics. Those who, in addition, have fulfilled the requirements of the courses in chemistry offered to undergraduates in Centre College can usually obtain the Master's Degree in one year. For others a longer time will be required.

COURSES.

310. *Advanced Analytical Chemistry.* This course is intended to give a more extended knowledge of analytical methods than that offered in the undergraduate department.

311. *Advanced Organic Chemistry.* This course is an extension of Course 39, involving the preparation of compounds of carbon of a more complicated nature.

312. *Sanitary Chemistry.* The work is confined chiefly to the study of the methods employed in the examination of waters with reference to their fitness for domestic supply.

Problems concerning the public health are presented and instruction is given in approved methods of sewage disposal and of the purification of water for public use.

The course includes also the examination of waters to be used in steam boilers, and for various industrial purposes, and may be extended to the analysis of mineral waters.

313. *Chemical Seminar.* Weekly meetings of the advanced

students are held, when they are expected to report on special topics appearing in the various American and foreign chemical journals.

The students are referred constantly to original articles bearing on their own work. Reports on these subjects also are made from time to time, and thus the work of each student is made of interest and profit to all.

Thesis. An acceptable thesis upon an assigned topic is required of all candidates for the Master's Degree.

III. GERMANIC PHILOLOGY.

PROFESSOR BLAYNEY.

It is the aim of this department to acquaint the student with philological methods. For this purpose a number of courses on special periods are offered both in literature and linguistics. Since the courses alternate, the whole of the candidate's attention is concentrated upon the study of a single period. He is expected to carry on independent investigative work along the line of the subject under consideration.

In order to pass the examination for the degree of Master of Arts in Germanics the student cannot confine himself solely either to the language or the literature. While an equal amount of both is not required, yet a fair knowledge of the history of the language and the elements of Comparative Philology are expected of those who specialize in the literature, and vice versa.

LITERATURE.

320. *History of the German Literature From Opitz to Goethe's Death.* A general sketch of the more important periods, intended as an introduction to the more special work of the succeeding courses. Lectures, Seminar work, reports.

321. *The Rise of the Middle Classes and Era of the Reformation.* The Volkslied. Didactic and satirical narrative. Beginnings of the drama. Humanism, Sebastian Brant, Thomas Murner, Till Eulenspiegel, Fastnachtsspiel. Luther, Hans Sachs. Required reading. Discussions in the Seminar. Alternates with 322, 323, 324.

322. *Pseudo-Classicism and the Age of Frederick the Great.* Opitz, Gottsched, Gryphius, Klopstock, Wieland. Destruction of Gottschedianism; Lessing. Discovery of classic antiquity; Winck-

elmann. Lectures. Seminar work. Alternates with 321, 323, 324.

323. *Sturm und Drang*, Klinger, Bürger. Individualism; The great classics. Herder, Kant, Schiller, Goethe. The classics of criticism are consulted and reports made at the meetings of the Seminar. Alternates with 321, 322, 324. Not given in 1905-6.

324. *Romanticism and the War of Liberation*. Novalis, the Brothers Schlegel, Tieck, Heine, Kleist, Grillparzer. Lectures on the modern tendencies of the German literature. Seminar course. Extensive reading. Essays. Alternates with 321, 322, 323. Not given in 1905-6.

LINGUISTICS.

325. *History of the German Language*. Introduction to Germanic Philology. Gothic, Old High German, Middle High German, New High German. A connected consideration of the more salient facts of historical development. Treatises of Behagel, Weise, Kaufmann, Paul's Grundriss. Meringer's Indogermanische Sprachwissenschaft. Seminar course. Alternates with 326, 327, 328.

326. *Gothic*. Introduction to special work in comparative philology. Braune's Gotische Grammatik. Hahn's Ulfilas. Seminar Course. Alternates with 325, 327, 328.

327. *Old High German*. Braune's Althochdeutsche Grammatic, Schauffler's Althochdeutsche Litteratur. Paul's Grundriss, etc. Seminar course. Alternates with 325, 326, 328. Not given 1905-6.

328. *Middle High German*. Paul's Mittelhochdeutsche Grammatik, Golther's Der Niebelungen Nôt, Güntter's Walter von der Vogelweide, Marold's Auswahl aus dem höfischen Epos. Seminar course. Alternates with 324, 325, 326. Not given 1905-6.

IV. GREEK.

PROFESSOR REDD.

330. For admission to this course the completion of the undergraduate course in the Centre College, or an equivalent, is necessary. There will be a thorough study of the syntax of mood and tense, and advanced form composition. Readings from the Attic orators, the dramatists, and Thucydides. The selections will be varied from year to year. Greek History and Literature. The private and public life of the Greeks. History of Athenian politics. Origin and development of the Greek drama. Metre

and rhythm. Archæology. Every effort will be made to assist the student in his private studies.

V. HISTORY.

PROFESSOR THROCKMORTON.

340. *The French Revolution*. This is a seminar course devoted to a careful study of the revolutionary period, with special emphasis upon the causes and results of the French Revolution. Research work and reports. Three hours a week. Given during the Fall and Winter terms, 1904-5, and alternating with Course 341. *The Cambridge Modern History, Volume on the French Revolution*.

341. *History of Education*. This course has been especially arranged for students who expect to make teaching their profession, but considering, as it does, the history of education from the standpoint of the history of civilization, is illuminative and instructive to the general student. In addition to the text and source book, the student is required to read and report upon some of the greatest educational classics entire. Three hours a week. Given during the Fall and Winter terms 1905-6, and alternating with Course 340. *Painter's History of Education, Painter's Educational Classics*.

342. *Constitutional History of England*. A careful study is made of the long period of the development of English political institutions, including the prerogatives of the Sovereign, the constitution and powers of Parliament, and the evolution of the Cabinet. Research work and essays. Three hours a week. Given during the Spring term, 1905, and alternating with Course 343. *Montague's Constitutional History of England*.

343. *The Civil War and After In the United States*. Emphasis is placed upon the causes of the Civil War and its political aspects; a careful study is made of the reconstruction era in the South, and attention is called to recent departures in foreign policy. Three hours a week. To be given during the Spring term, 1906, and alternating with Course 342. *Burgess's The Civil War and the Constitution*.

VI. LATIN.

PROFESSOR CHEEK.

350. *Livy*. Three hours. Parallel readings from Tacitus.

351. *Letters of Cicero*. Three hours. Parallel readings from Pliny the younger.

352. *Satires of Horace*. Three hours. Parallel readings from Juvenal.

353. *Poetry of the Augustan Age*. Three hours. Reports to be made on assigned topics.

354. *Prose of the Silver Age*. Three hours. Reports to be made on assigned topics.

355. *Comedies of Plautus*. Three hours. Parallel readings from Terence.

356. *Roman Literature*. Through the year. Written examinations.

VII. MATHEMATICS AND ASTRONOMY.

PROFESSOR CROOKS AND PROFESSOR NELSON.

360. *Calculus*. An advanced course based upon Williamson's *Calculus* and dealing principally with partial derivatives and multiple integrals with geometric applications. Three times a week for one year.

PROF. CROOKS.

361. *Plane Analytical Geometry*. Point and line co-ordinates, the principle of duality, the method of projection, anharmonic ratios, and the nature of co-ordinate systems are studied. Three times a week for one year. Professor Crooks.

362. *Analytic Geometry of Three Dimensions*. An advanced course which must be preceded by Course 361. Twice a week for one year.

PROF. CROOKS.

363. *Modern Geometry*. A course in modern pure geometry consisting of class work, supplemented by assigned readings. Three times a week during the first and second terms.

PROF. CROOKS.

364. *Differential Equations*. Ordinary and Partial Differential Equations. The work is based upon Page's *Ordinary Differential Equations* and Murray's *Differential Equations*. Three times a week for one year.

PROF. CROOKS.

365. *Higher Plane Curves*. The general theory of algebraic curves. Special attention is given to the study of curves of the third and fourth order. Three times a week for two terms.

PROF. CROOKS.

366. *Theoretical Mechanics*. An advanced course in ana-

lytic mechanics. Requires a knowledge of analytic geometry and calculus. Three hours a week, one year. PROF. NELSON.

367. *Theory of Equations*. Based on Burnside & Panton's Theory of Equations. Three hours a week, one year.

PROF. NELSON.

368. *Projective Geometry*. Holgate's translation of Reyse's Geometrie der Lage. Twice a week, two terms.

PROF. NELSON.

369. *Quaternions*. Theory, with applications to geometry and mechanics. Three times a week, one year.

PROF. NELSON.

370. *Method of Least Squares*. Theory, with applications to problems in engineering and astronomy. Twice a week, one term.

PROF. NELSON.

371. *Theory of Functions*. The theory of a complex variable based on the ideas of Cauchy and Riemann. Three hours a week, one year.

PROF. NELSON.

372. *Practical Astronomy*. Determination of time; latitude and longitude; calculation of eclipses and occultations.

PROF. NELSON.

373. *Celestial Mechanics*. Attraction; orbits and ephemerides; perturbation.

PROF. NELSON.

VIII. PHILOSOPHY.

PRESIDENT HINITT AND PROFESSOR LOGAN.

380. *History of Philosophy*. Lectures and prescribed readings. Texts, Ueberweg, Windelband, Zeller, Falkenberg, Fischer.

PROF. LOGAN.

381. *Ethical Theory*. The main problems and types of ethics as presented in Martineau's Types of Ethical Theory, Sidgwick's Methods of Ethics and Greene's Prolegomena to Ethics.

PROF. LOGAN.

382. *Realistic Philosophy*. A study of the Scottish School and its present representatives. McCosh's First and Fundamental Truths and Seth's Scottish Philosophy. PROF. LOGAN.

383. *The Critical Philosophy of Kant*. Lectures, discussions and readings. The critique of Pure Reason, Max Müller's translation; Paulsen's Kant.

PRESIDENT HINITT.

384. *Post-Kantan Idealism*. Lectures and textual study.

PRESIDENT HINITT.

385. *Recent British and American Philosophy*. The Neo-Hegelian school. Lectures and readings.

PRESIDENT HINITT.

386. *Philosophy of Religion*. Lectures and readings.

PRESIDENT HINITT.

IX. PHYSICS.

PROFESSOR GORDON.

390. *Direct Current Machinery*. Three times a week, first term. The theory and designing of direct current generators and motors. Recitations and laboratory tests.

391. *Alternating Current Machinery*. Three times a week, second term. Recitations and laboratory tests on alternating machinery.

392. *Transmission and Distribution of Electricity*. Three times a week, third term. Practical engineering problems. The several systems compared. The study of electric plants in operation.

393. *Chemical Physics*. Three times a week, first term. Lectures and recitations on the theory of atoms, molecules and solutions. Laboratory work on specific gravities and molecular weights by the vapor tension, boiling-point and freezing-point methods.

394. *Electrochemistry*. Three times a week, second term. Recitations and laboratory work on the conductivity of solutions, galvanic cells and the deposition and refining of the metals by electrolysis.

395. *Thermochemistry and Chemical Dynamics*. Three times a week, third term. Recitations and laboratory work on thermodynamics, heat of reactions, the law of mass action and the phase rule. Text for 393, 394, 395: Jones's Physical Chemistry. Laboratory manuals.

396. *Advanced Electrochemistry*. A study of the development of the modern theories. Readings and reports on portions of advanced text-books, and original articles in the chemical and physical journals. Repetition of important experimental investigation.

397. *Recent Developments in Electricity*. A study of

theories and applications of such recent origin or advanced character as to preclude their treatment in general text-books. Reading of special books and articles in physical and electrical journals. Laboratory work on special problems.

398. *Research.* Students who have had sufficient preliminary training are aided and directed in the investigation of original problems in electricity and electrochemistry.

X. POLITICAL ECONOMY AND POLITICAL SCIENCE.

PROFESSOR THROCKMORTON.

400. *Applied Economics.* This is a seminar course dealing with the more important practical problems in economics. The present session has been devoted to a study of the Tariff, the "Trusts," and Transportation, including the history of the tariff in the United States and the arguments for and against protective legislation, the rise of the "Trusts," their effect upon prices, profits and wages, and the methods advocated for their regulation and control, the growth of the American railway system, methods of fixing railway rates, rebates, and discriminations, and suggestions for public control. Three hours a week; given during the Fall and Winter terms, 1904-5, and alternating with Course 401. Taussig's *Tariff History of the United States*, Jenks's *Trust Problem*, Johnson's *American Railway Transportation*.

401. *Financial History of the United States.* This course includes a study of the currency questions that have agitated the public mind, the State and National banking systems, the history and causes of panics, and the present financial system of the United States. Three hours a week. To be given during the Fall and Winter Terms, 1905-6, and alternating with Course 400. Dewey's *Financial History of the United States*.

402. *English and American Political Institutions.* This course is devoted to advanced historical and comparative study of the English and American constitutions. While the theory of the respective governments is not neglected, more especial emphasis is placed upon their practical working. Each student is required to make a careful study of and to prepare an essay upon some phase of Cabinet or Congressional government. Three hours a week. Given during the Spring term, 1905, and alternating with Course 403. Bagehot's *English Constitution*, Wil-

son's *Congressional Government*, Bryce's *American Commonwealth*.

403. *Constitutional History of the United States*. This course includes a study of the origins of the State and Federal governments, an account of the great constitutional questions which have arisen since the adoption of the Federal constitution, and the interpretation of that instrument by the Supreme Court. Special attention is directed to constitutional development in the States since the Civil War. Three hours a week. To be given during the Spring term, 1906, and alternating with Course 402. Thorpe's *Short Constitutional History of the United States*.

XI. ROMANIC PHILOLOGY.

PROFESSOR BLAYNEY.

Candidates desiring to specialize in this department should have a reading knowledge of German. Prerequisites for graduate work in Romanic Philology are the required courses in the French Section of the Academic Department.

As the aim of this department is to train investigators, the efforts of candidates are concentrated upon the study of single periods. However, for the Master of Arts degree, neither the literature nor the language may be offered exclusively.

The following courses, which alternate the one with the other according to the needs of the candidates, are offered.

LITERATURE.

410. *History of the Drama and Pseudo-Classicism*. Mystères, Farces, Satires, Moralités. Jodelle, Garnier. The great classics of the XVII Century, with special attention to the dramatists. Seminar course. Extensive collateral readings. Alternates with 411 and 412.

411. *The Eighteenth Century*. (a) From 1700 to Rousseau. (b) From Rousseau to 1800. Voltaire, Les Encyclopédistes, Rousseau. La Comédie. Lectures, supplemented by investigative reading and discussions. Seminar course. Alternates with 410 and 412.

412. *The Literature of the Empire and Romanticism*. DeStäel, Chateaubriand, Lamartine, Victor Hugo, Alfred de Vigny, Alfred de Musset. Reports on assigned topics. Parallel reading. Seminar discussion. Alternates with 410 and 412.

LINGUISTICS.

413. *Introduction to the Study of Old French.* Reading of Old French texts, Nonnenmacher, Paris, or Paris-Langlois. Schwan's *Grammatik des Altfranzösischen*. Seminar course.

414. *History of the French Language.* History of its development from the vulgar Latin to the Sixteenth Century. Seminar lectures, with parallel reading in the authorities.

GENERAL INFORMATION.

LOCATION.

ADVANTAGES OF LOCATION.

Danville, the seat of the College, is situated on the main line of the Queen & Crescent Railroad, extending with its leased lines from Cincinnati to New Orleans; it is also near the Lebanon and Knoxville branch of the Louisville & Nashville Railroad, and is easily accessible from all quarters. Danville is very near the geographical center of the state, within the "Blue Grass" region, and is surrounded by an exceedingly beautiful and fertile country. It has an elevation of about one thousand feet above the level of the sea, and the surrounding country is undulating so as to afford perfect drainage. Probably no healthier spot can be found within the limits of the State. Malaria is unknown except when brought in from other sections of the country. This small city of about 5,000 inhabitants is noted for its high moral tone, and for the refinement and intelligence of its people. It has long been the seat of important educational institutions, for both men and women. The students of the College receive a warm welcome among the most cultured families of the city; few students come to Danville who do not find homes in it for which they form strong attachments and from which they part with reluctance. The town has strong churches of all denominations, and the people are church-going. *There are in the town no licensed saloons for the sale of intoxicating liquors.* The saloons were closed many years since by the Trustees, under the instruction of a decided vote of the people, and a special act of the Legislature makes it unlawful to retail liquor within two miles of the city limits.

ACCESSIBILITY.

The way to reach Danville is via the trunk line known as the *Queen & Crescent Route*. Solid vestibuled trains via the Q. & C. run from New Orleans, Meridian, Birmingham and Chattanooga to Danville without change. There are four trains daily each way between Danville, Lexington, Louisville and Cincinnati. A new line of railway, providing direct communication with Louisville without change of cars, will be opened in 1905.

ATTENDANCE, EXAMINATIONS AND STANDING.

1. *Registration and Attendance.*

All students should present themselves punctually at the opening of the session in September. Many disadvantages result from late entrance, and in some instances it has been found impossible for a student entering late to maintain his standing in the class. Prompt attendance is, therefore, earnestly enjoined upon all who wish to derive the full benefits of the course of instruction.

Prompt and regular attendance is required on all class and laboratory exercises. According to the method of recording absences, a student will lose the value of his course credits in proportion to his failure in attendance.

PUBLIC WORSHIP.

Devotional exercises, consisting of prayers, hymns, and Scripture reading, are conducted in the chapel every morning, and all the students are required to be present. They are also required to attend the preaching of the Gospel at least once on each Sabbath.

2. *Examinations and Standing.*

EXAMINATIONS.

Examinations of all the classes are held at the close of each of the three terms, and are conducted by the several professors in their departments. The final examinations of the graduating class close the third Friday in May. Special examinations are held during the year, as needed.

REPORTS.

Reports of each student's scholarship, attendance and general deportment are made to his parent or guardian three times a year. Special reports are made at shorter intervals if there is anything in the student's conduct or standing to call for them.

RANK OF SCHOLARSHIP.

The rank of scholarship in the graduating class of each year will be indicated in the Commencement program as follows: *Summa cum laude*, prefixed to a degree, indicates that the recipient is a first-class scholar; *magna cum laude*, second-class; *cum laude*, third-class; those with no prefix have a grade below 85.

STUDENT ORGANIZATIONS.

Religious.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

This society aims to bring students under good influences, and to furnish opportunities for Christian work in the College and its vicinity. Special efforts are made to help new students through its organized methods.

The work of the Association has been unusually active and successful during the present college year. This is specially true of the department of Bible Study.

The society has been provided with large and beautiful rooms in the Gymnasium, where its members meet for prayer and social intercourse. These rooms have been furnished by a generous friend.

READING ROOM.

The reading room in the Gymnasium is under the management of the Young Men's Christian Association and the two literary societies. Here are found the leading magazines and periodicals and the exchanges of the College monthly, *The Cento*. A student is appointed to receive and arrange the reading matter, and issue keys and membership privileges. Every student should connect himself with this organization.

Literary.

LITERARY SOCIETIES.

There are two literary societies connected with the College,—the Chamberlain and the Deinologian. For these the College provides commodious halls, which have been handsomely fitted up and furnished by the members. Both societies are supplied with good libraries, each containing about 3,500 volumes, which are receiving additions from year to year. The work of the societies is regarded as supplemental to that done in the classrooms, and they are encouraged accordingly. Their exercises consist of debate, declamation, composition, and other forms of literary activity, and are conducted under such rules and regulations as the societies may adopt, consistent with the general objects of the College.

ORATORICAL EXERCISES.

The literary societies hold public exercises on the 22d of February; and on the Monday preceding Commencement Day, an oratorical contest takes place between representatives of these societies. To the successful competitor in each contest, a gold medal is awarded. The successful contestant in the former contest represents the College in the annual Inter-Collegiate State Oratorical Contest. The representatives in the Chautauqua and Southern Inter-Collegiate Contests are appointed by the Faculty.

STUDENT PUBLICATIONS.

The students of the College publish two periodicals, *The Central News* and *The Cento*. The former is a weekly, appearing every Thursday during the College year, and devoted to the recording of current events in the college world. *The Cento* is a literary monthly, publishing eight numbers yearly, and furnishing opportunity for valuable training in journalism to students with a gift for writing. In addition to these an annual, *The Cardinal and Blue*, is published every spring by the Senior class.

Athletic.

The Athletic Association is composed of voluntary membership, and has charge of the outdoor sports of the College—football, baseball, track work and other athletic events. It is managed in connection with an advisory committee from the Faculty, and has been a marked success from its organization.

BOARDING AND DORMITORY FACILITIES.

BOARDING.

Many of the students live in private families, in which they enjoy the advantages of a Christian home, and are thus preserved from many temptations. Here the rates for board and room range from \$3.50 to \$5.00 per week.

The provision of good board for those who, on account of limited means, are not able to pay these prices, has been felt to be one of the most pressing needs of the College. This need has been largely met. Good board will henceforth be furnished at the lowest possible terms in the College Home and in Breckinridge Hall.

THE COLLEGE HOME.

In this, the Old College building, very comfortable rooms sufficient to accommodate a goodly number of young men have been fitted up. These rooms, furnished with stove, chairs, bed, table and washstand, are rented for the small annual charge of \$8 to applicants of good character and limited means.

The plan of placing the boarding department in the hands of students selected by the Faculty to carry it out, has proved successful, and the price of table board for the present year is only \$2.00 per week. The Home will be conducted upon the same plan during the coming year. Application for accommodations in the Home should be made to the President as early as possible.

BRECKINRIDGE HALL.

This Hall is a beautiful and commodious dormitory building, with accommodations for about fifty students. The building is so constructed that each student has a bed-room to himself, two bed-rooms opening into a common study. Each room has a grate for open fire. The College is able to offer comfortably furnished rooms in this building at a uniform charge to each student of \$31 per year; this covers room rent, fuel, and water.

A limited number of those occupying rooms in Breckinridge Hall can, upon application to the stewards, obtain board at the College Home. For those who can not be thus accommodated at the Home, good board can be found in private families for from \$2.50 to \$3 per week.

As these accommodations have been provided primarily to aid young men of limited means and industrious habits in obtaining, at the lowest possible cost, a liberal education, preference will be given in assignment of rooms to those studying for the ministry, and to others of limited means who maintain a high standard in character and scholarship.

Applications for rooms in this building must be made to J. A. Cheek, Treasurer, who will reserve rooms only on deposit of \$5.00, which will be credited on the rent of the room. If the room is not taken and the balance of the rent paid, the deposit of \$5.00 will be forfeited.

EXPENSES.**COLLEGE DUES.**

The Treasurer will be at the College for the collection of fees at the opening of each term, when all students are required to settle with him. Before a student is admitted to actual standing in any class, a class card showing that he has complied with the rules relating to College charges must be presented. No fees will be returned save in cases of removal from the College on account of severe and protracted illness.

UNDERGRADUATE DUES.

Tuition, First Term,	\$18.00
Second Term,	16.00
Third Term,	16.00
Contingent Fees, First Term,	6.00
Second Term,	5.00
Third Term,	5.00

The contingent fee is for the use of the library, gymnasium, heat for building and janitor service in care of same.

Damage deposit, \$1.00 per term. The order of the Board of Trustees as to this deposit is as follows:

Ch. 9. Sec. 2. When damage is done to the College buildings or the appurtenances thereof, and the one who did it cannot be detected, it shall be paid for out of a deposit of one dollar required at the opening of each term of all students. What remains of the deposit after paying for the damages done shall be refunded to the students at the close of the year.

A graduation fee of \$7, covering diploma fee and all expenses of Commencement Day, must be deposited by every candidate for graduation with the Treasurer of the College a month before Commencement. If the candidate should not receive a diploma, this deposit will be returned.

Laboratory fees are charged as follows:

Students in Chemistry are charged a fee of \$3.00 per term. In the advanced course, \$4.00 per term.

Students in the Physical Laboratory pay \$3.00 per term.

Students in the Biological Laboratory pay \$3.00 per term.

The above fees cover the cost of ordinary chemicals and material, but students are charged extra for breakage and for special and rare material.

For graduate fees, see the general rules covering graduate instruction.

ESTIMATE OF ANNUAL EXPENSES.

The following is an approximate estimate of the annual expenses of a student, not including outlay for clothes, traveling or other strictly personal expenses.

	MAXI- MUM	ME- DIUM	Low	MINI- MUM
Board and room in private families for 38 weeks at \$5.00 to \$3.50.....	\$190 00	\$133 00		
Board at College Home club and room in (a) Breckinridge Hall, (b) College Home			\$ 97 50	\$ 74 50
Tuition, payable in three installments, strictly in advance	50 00	50 00	50 00	50 00
Contingent fee, required of all	16 00	16 00	16 00	16 00
*Fuel, light, washing, per year	20 00	20 00	15 00	15 00
Books	15 00	12 00	7 50	7 50
Total	\$291 00	\$231 00	\$186 00	\$163 00
Deduct for students on scholarships			50 00	50 00
Total			\$136 00	\$113 00

*Where students live in a private family, the fuel and light are included in the price of board.

From this statement it will be seen that the necessary annual expenses of those students who are placed on scholarships, and who live in the College Home or Breckinridge Hall, will not be more than \$113 to \$136.

SELF HELP.

Lack of pecuniary means alone need not prevent young persons of energy and persistent purpose from obtaining a college

education. Many find remunerative employment for leisure hours and vacations which enables them to complete the course free from debt. It is generally true that there is work to be had about town for those who want it. It cannot usually be engaged beforehand. The Christian association will do all it can to aid students in finding work.

There are some opportunities for service in connection with the College open to qualified students.

PRIZES.

THE HENRY BARRET BOYLE PRIZE.

The Henry Barret Boyle Prize, established by Gen. J. T. Boyle, is annually awarded to the best Latin student of the Sophomore class, provided that the contestant's work in every other department is of a high order. The prize consists of a valuable gold watch appropriately engraved. The award is publicly made by the President on Commencement Day.

THE ORMOND BEATTY ALUMNI PRIZE.

In 1886 the Alumni of Centre College contributed a fund of \$1,000 to signalize the completion of President Beatty's fifty years' service to his alma mater. The annual interest on this fund is publicly awarded on Commencement Day to the student of the Senior class who has the best record for punctuality, deportment and scholarship. In determining this award account is taken of Senior work only.

ORATORICAL PRIZE.

An oratorical contest between the two literary societies is held annually. The prizes awarded to the successful competitors consist of two gold medals presented by the college. The date of this contest is Monday evening of Commencement week.

THE SIDNEY J. JOHNSON PRIZE.

This prize was established by Mrs. Johnson as a memorial of her deceased husband, Sidney J. Johnson, an alumnus of Central University. The prize, a gold watch, is awarded in June to that student of the Junior Class who during the year has attained the highest general average in all his studies.

LIBRARY, LABORATORIES AND MUSEUM.

THE LIBRARY.

The Library, located in Sayre Hall, consists of 20,099 volumes. Some special donations, known as the Mutchmore, Roberts, Young, Beatty, Burchard, and Miller collections, have been placed in separate alcoves, and are being increased from time to time.

The Library of the original Central University, at Richmond, has been incorporated with that of the Centre College, and the entire collection is now arranged and catalogued according to the decimal system.

NEW LIBRARY BUILDING.

Mr. Andrew Carnegie has recently proposed to give to Centre College \$30,000 for a new library building. It is expected to commence the building at an early date. When completed it will make a beautiful and most helpful addition to the College equipment.

LABORATORIES.

The Chemical laboratories are described in connection with the Department of Chemistry, also the Physical Laboratories in connection with that department. New equipment for the Biological Laboratories is to be installed before the next session, making the provision for all branches of scientific work unusually complete.

MUSEUM.

The Museum is well supplied with material for illustration in all branches of college work. The typical minerals are systematically arranged, so that one can see by a glance at the label where each belongs in its relations to others; the various ores, with duplicates convenient for study, are provided for critical examination.

In palæontology, fossils typical of all the epochs are on the shelves and in the work-room for special inspection. The rarer forms, such as Ichthyosaurus, Plesiosaurus, Pterodactylus, Dinosaur, Glyptodon, and Megatherium, are represented by Ward's

casts, supplied through the liberality of the late Dr. John W. Scott.

In zoology, the cases hold land, fresh-water and marine shells from all parts of the world, and considerable progress has been made in collecting specimens in other branches of this study.

In botany, the nucleus of an herbarium has been formed, and plants are being added yearly by exchange and local research.

GIFTS.

During the year the College has received the following gifts:

1. From the estate of Mr. John Robinson, of Garrard County, Kentucky, the sum of \$5,000.00, to be placed in the general fund of the College.

2. Mr. F. C. Nunemacher, of Louisville, presented a Neo-style, with full equipment.

3. From the Kentucky exhibit at the Louisiana Purchase Exposition, a valuable collection of minerals, through the kindness of the officials of the Department of Mines and Mining.

BEQUESTS.

Friends of the College desiring to make provision for legacies are invited to communicate with the President. The legal forms are given below:

THE CORPORATE NAME.

The corporate name of this institution is, "Central University of Kentucky."

FORM OF BEQUEST.

"I give and bequeath to Central University of Kentucky, for the sole use and benefit of The Centre College of Kentucky, located at Danville, in the State of Kentucky—said Centre College being the academical department of said Central University—the following"—(here describe the thing or property given.)

If the donor or testator desire that the money, stock, or property shall be devoted to a particular professorship, department, scholarship or medal, etc., he will, after describing the property or thing given as indicated above, add the following:

"To be held in trust, and used by said CENTRAL UNIVERSITY OF KENTUCKY under the control and direction of the Board of Trustees thereof, for" (here describe the particular use desired to be made of the fund, or its annual interest).

ADMINISTRATION.

The general principles of the College government are embraced in the following statement.

Since the sole aim of the Trustees in framing the College laws and regulations, and that of the Faculty in administering them, is to secure the best interests of the students, it is confidently expected that everyone will yield a cheerful obedience to them. The government of the College is intended to be mild, granting to each student all privileges and enjoyments consistent with his own welfare and that of his associates; at the same time it must be firm, enforcing obedience to all the restraints and restrictions which the Trustees or the Faculty shall deem it their duty to enjoin. If any offend against the rules, their reformation will be strictly aimed at so far as practicable, and no severe or humiliating penalty will be inflicted, except when the paramount interests of the institution demand it. The students are treated as gentlemen and are expected to conduct themselves as such.

The general rules of the College are formulated in the Handbook of College Legislation, and all students are expected to be familiar with the contents of this book.

PRIZEMEN, 1903-1904.

THE HENRY BARRET BOYLE LATIN PRIZE.

Carl Converse Crockett, Wilmore.

THE ORMOND BEATTY ALUMNI PRIZE.

Francis Powell Cheek, Danville.

ORATORICAL CONTEST PRIZE.

First Prize: Paul Bond Collins, Frankfort.

Second Prize: William Barkley Alexander, Pine Bluff, Ark.

MRS. ROSWELL MILLER ENTRANCE PRIZE, 1903.

First Prize: Nelson Davis Rodes, Danville.

Second Prize: James Craddock Wood, Munfordville.

THE SIDNEY J. JOHNSON PRIZE.

Waller Chenault Hudson, Lancaster.

VALEDICTORIAN, 1903-1904.

Francis Powell Cheek.

DEGREES CONFERRED JUNE, 1904.

Degrees in Course.

BACHELOR OF ARTS.

Harvey Park Barrett, Louisville.
Francis Powell Cheek, Danville.
John McElroy Cochran, Maysville.
Benjamin Franklin Ewing, St. Matthews.
Joseph Davidson Harkins, Prestonburg.
William Harry Higgins, Stanford.
John Calvin Hopkins, Prestonburg.
Edwin Kagin, Frankfort.
Edmont Pendleton Lane, Danville.
Carl Theodore Michel, Louisville.
Mark Mitchell, Louisville.
John Wesley Powell, McAfee.
William Frank Wyatt, Adcock.

BACHELOR OF SCIENCE.

John Robert Anderson, Danville.
Harry Brown, Bridgeport.
Sanders Eaves Clay, Henderson.
Gus D. Crain, Louisville.
Paul Doneghy, Danville.
Milton Jameson Durham, Danville.
Joseph Crittenden Finnell, Covington.
James Robert Ginn, Augusta.
Edwin Lee Gowdy, Campbellsville.
Herbert Green, Fort Smith, Ark.
Ernest Given Howe, Elizaville.
Thomas Jackson, Danville.
Thomas Albright Stewart, Wildie.
George William Tarkington, Danville.
David Butler Thurman, Normandy.
George Foley Wycoff, Mackville.

MASTER OF ARTS.

Andrew Whitley Bright, Danville.
Alfred Alcorn Higgins, Stanford.
John Rockwell Smith, Henderson.

MASTER OF SCIENCE.

Edward Bedell Snyder, Charleston, W. Va.

STUDENTS IN THE CENTRE COLLEGE.

GRADUATE STUDENTS.

Cheek, Francis Powell, A. B.,	Danville
Cheek, Spurgeon, M. D.,	Danville
Crain, Gus D., B. S.,	Louisville
Hendricks, Thomas Armstrong, B. S.,	Junction City
Howe, Ernest Given, B. S.,	Elizaville
Kagin, Edwin, A. B.,	Frankfort
Michel, Carl Theodore, A. B.,	Louisville
Phelps, John William, A. B., B. O.,	Jacksonville, Fla.
Stewart, Thomas Albright, B. S.,	Wildie
Van Winkle, John Sallee, B. S.,	Danville
Wise, Henry Alexander, B. S.,	Craddockville, Va.

UNDERGRADUATE STUDENTS.

SENIOR CLASS.

Alexander, William Barkley,	Pine Bluff, Ark.
Andrews, Francis West,	Memphis, Tenn.
Andrews, Landoff Watson,	Flemingsburg
Ayres, Richard Samuel,	Pineville
Collins, Paul Bond,	Frankfort
Cowherd, Joseph Bird,	Shelbyville
Gill, John Lewis,	Lancaster
Hudson, Waller Chenault,	Lancaster
Lander, Stephen Breckinridge,	Princeton
Letcher, Gibney Oscar,	Henderson
Linney, Joseph Edwin,	Danville
Logan, Robert Crockett,	Christiansburg
Martin, John Lawrence,	Owenton
McChord, Charles Harrison,	Lebanon
McMullen, Robert Johnston,	Midway
Morton, Leon Lincoln,	Waddy
Moss, Philip Ball,	Ft. Smith, Ark.
Rhorer, Arthur Waggener,	Middlesboro
Robinson, Vaud Darius,	Louisville
Roy, Edward Cosby,	Louisville
Sampson, John Edward,	Middlesboro
Sanders, George Owen,	Okolona
Spencer, Herbert,	Jackson

Thatcher, John Milton Perkins,
Watson, George Smith,

Somerset
Frankfort

JUNIOR CLASS.

Bright, Harry Graham,
Bryan, Henry Pugh,
Courtenay, Carl Butler,
Cox, Clay Hughes,
Crenshaw, John Crawford,
Crockett, Carl Converse,
Davis, Milton Myles,
Dean, John Allen,
English, Logan Berry,
Farmer, Cecil Theobald,
Faulconer, Thomas Nichols,
Gillespie, John Finley,
Griffith, William King,
Harlan, John Wellington,
Hawkins, William Hall,
Hopper, Walter Owsley,
Hunt, Clarence,
McQueen, Donald Windsor,
Purdom, John Leslie,
Rankins, Walter Herbert,
Rodes, Clifton,
Warner, Harry,

Danville
Pine Bluff, Ark.
Louisville
Junction City
Dermott, Ark.
Wilmore
Midway
Owensboro
St. Louis, Cecilian
Frankfort
Danville
Pine Bluff, Ark.
Jacksonville
Danville
Midway
Stanford
Ft. Smith, Ark.
Covington
Forkland
Augusta
Danville
Ft. Smith, Ark.

SOPHOMORE CLASS.

Alexander, Percy,
Andrews, Eugene Young,
Bright, Robert Harding,
Brown, Conn,
Brown, Joseph Bailey,
Cheek, Logan McKee,
Cheek, James Clinton,
Cloyd, William Crenshaw,
Clubb, Boyd Winchester,
Cofer, David Brooks,
Crawford, Oliver,
Crenshaw, Llewellyn,
Darnall, John Palmer,

Campbellsville
Memphis, Tenn.
Danville
Mt. Vernon
Gratz
Danville
Fulton
Campbellsville
Pleasureville
Elizabethtown
Athol
Dermott, Ark.
Flemingsburg

Downs, Alfred Buckingham,
 Dudley, Charles Woodson,
 Dycus, Earl Marshall,
 Frierson, David Elmore,
 Frierson, Henry Cecil,
 George, William Norvell,
 Green, Ernest,
 Guerrant, William Upton,
 Harbison, Robert Brewster,
 Harris, Welborn,
 Hobbs, Thomas Herbert,
 Hudson, Harry Summers,
 Hundley, James Phillip,
 Lanier, Thomas Stratton,
 Lee, Edmond Shackelford,
 Lukins, Harry Nute,
 Morton, Elliott Russell,
 Myers, Robert Lee,
 Ramsey, Sumner Morrison,
 Raworth, John Olds,
 Ray, Rutherford Harrison,
 Riner, Shelby Kavenaugh,
 Robinson, Maury,
 Rodes, Nelson Davis,
 Starling, William Lyne,
 Turney, Amos Ewing,
 Voris, Edward Franklin,
 Wood, James Craddock,

Chattanooga, Tenn.
 Flemingsburg
 Fort Worth, Texas
 Paint Lick
 Paint Lick
 St. Louis, Mo.
 Shelbyville
 Wilmore
 Danville
 Morganfield
 Bardwell
 Ewing
 Lebanon
 Danville
 Covington
 Mt. Carmel
 Morganfield
 Fort Worth, Texas
 Lexington
 Vicksburg, Miss.
 Owensboro
 Pleasureville
 Charleston, W. Va.
 Danville
 Hopkinsville
 Paris
 Burgin
 Munfordsville

FRESHMAN CLASS.

Allen, Charles Foster,
 Andrews, Newton Steele,
 Boyle, John Cowan,
 Boyd, Harry Burton,
 Burke, Samuel Harding,
 Byrd, Thomas Hendricks,
 Corne, Carter Mullins,
 Duncan, John Proctor,
 Francis, James Draper,
 Frank, John Ernest,
 Goble, Curtis Daniel,

Ennis
 Flemingsburg
 Danville
 Columbus, Ga.
 Danville
 Campton
 Harrodsburg
 Danville
 Pikeville
 Danville
 Chrisney, Ind.

Gray, Eugene Frederick,	Harrods Creek
Hay, Charles Kincaid,	Perryville
Holmes, Robert,	Crab Orchard
Hughes, Calvert Harris,	Danville
Kirkpatrick, Carlisle,	Greenville
Lassing, Coleman Hamilton,	Union
Lee, George Francis,	Danville
Lee, Dewitt Collins,	Covington
McChord, Robert Caldwell,	Lebanon
McChord, McHenry,	Lebanon
McClure, Francis Jasper,	Danville
McConnell, William Riddell,	Danville
McCormick, Lem Huston,	Waddy
McGinnis, James William,	Danville
Newman, Thomas Young,	Auburn
Patton, Harvey Herd,	Bryantsville
Powell, Thomas Craddock,	Uniontown
Rice, Reginald Ivan,	Kelsey
Richardson, Robert Gibson,	Somerset
Reid, John Owsley,	Stanford
Rodes, Clifton,	Burgin
Rogers, Charles Edward,	Danville
Rose, Grover Cleveland,	Marcellus
Ross, Dill Shepard,	Grays
Rowland, Frank Lee,	Danville
Sallee, Harry Montgomery,	Danville
Scruggs, John Bridges,	Greenville, Miss.
Smith, Harry Quincy,	Montgomery, Ala.
Smith, Louis Huggins,	Shelbyville
Thurmond, William Helen,	Danville
Timoney, Francis Joseph,	Danville
Wadsworth, William Henry,	Maysville
Wallingford, Joseph Walker,	Mt. Carmel
Warner, Howard Stuart,	Vicksburg, Miss.
Watkins, Roderick Stevens,	Oyersburg, Tenn.
Wingate, Albert Daniel,	Perryville

SPECIAL STUDENTS.

Andrews, Thomas Fant,	Flemingsburg
Chambers, John Edward,	Wilmore
Chaney, Carl Neale,	Rich Pond

Clark, Charles Ferguson,
 Cornett, William Woodcock,
 Ezell, Frank Bunyan,
 Flaig, Frank,
 Hager, Gerald Fenelon,
 Hill, Otho Reed,
 Hume, Edgar E.,
 Lambert, William Darby,
 Lee, Robert Miller,
 Lindsay, William Buford,
 McCormack, Morris Abney,
 Miller, John G.,
 Rose, Elisha Thaddeus,
 Tabb, Hugh B.,
 Trigg, John Tracy,

Carthage, N. Y.
 Danville
 Pine Bluff, Ark.
 Danville
 Ashland
 Williamsburg
 Frankfort
 Henderson
 Danville
 Owenton
 Lexington
 Paducah
 Stillwater
 Stephensburg
 Henderson

SUMMARY.

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NECROLOGY.

CENTRE COLLEGE OF KENTUCKY.

CLASS.

1836. Willis Duff Green. September 5, 1904.
1840. Joseph William Wallace, A. B. February 1, 1904.
1843. Joseph Horace Lewis, A. B. July 6, 1904.
1846. Joseph William Akin. June 19, 1904.
Patrick Joyes, A. B. April 26, 1904.
David Drury Lacy Thomson, A. B. April 24, 1904.
1848. George Graham Vest, A. B. July 9, 1904.
1849. Samuel Alexander Bonner, A. B. April 5, 1904.
1850. James Thomas Grow, A. B. June 1, 1904.
1852. Obadiah V. Garnett. February 19, 1905.
1854. John B. Swope, A. B. February 20, 1905.
1855. George T. Parret, A. B.
William Campbell Preston Breckinridge, A. B. November, 19, 1904.
Thomas Marshall Green, A. B. April 10, 1904.
1856. William Baird Hoke. August 5, 1904.
John Orlando Scott, A. B. March 8, 1904.
1857. William LeRoy Dulaney, A. B. July 10, 1904.
1858. Thomas Speed. January 31, 1905.
1859. James Andrew McKenzie, Sr. June 25, 1904.
1861. James Harvey Lapsley, A. B. December 15, 1904.
1863. George Givens. April 7, 1904.
1867. Eugene Wallace Lee, A. B. February 27, 1905.
Robert Alexander Lowry, A. B. February 21, 1905.
1870. James Frederick Mathis. May 15, 1903.
1872. Julian Kerr McGoodwin. February 11, 1904.
George D. White. October 7, 1904.
1880. James Hervey Barbour, A. B. July 27, 1901.
1883. Sidney Johnston Hayden. April 1, 1904.
1888. Edmund Lyne Hann, A. B. October 11, 1904.
1891. William Patterson Woodcock. September 26, 1904.
1894. Andrew Whitley Buchanan. February 23, 1904.
Walter William Greer, A. B. January 27, 1905.

- 1896. Jeremiah Tilford Boyle. March 29, 1904.
- 1897. William Rowland Magoffin. February 26, 1904.
Hugh Jackson Mann, A. B. August 22, 1904.
Eugene Dudley Read. May 21, 1904.
- 1898. William Bixler. January 2, 1905.
George McDonald Robinson. October 17, 1904.
- 1902. Hugh Elbert Fallis, B. S. August 12, 1904.
- 1903. William Earl Frank. May 29, 1904.



THE COLLEGE
OF LAW.

THE COLLEGE OF LAW.

CALENDAR.

1905.

January 3—Tuesday—Winter term begins.

March 17—Friday—Winter term ends.

March 20—Monday—Spring term begins.

June 9—Friday—Final Examinations end.

June 14—Wednesday—Annual Commencement.

SUMMER VACATION, JUNE 15—SEPT. 12.

September 13—Wednesday—Fall term begins.

November 30—Thursday } Thanksgiving Holiday.

December 1—Friday }

December 21—Thursday—Fall term ends.

CHRISTMAS VACATION, DEC. 22, 1905—JAN. 2, 1906.

1906.

January 3—Wednesday—Winter term begins.

March 16—Friday—Winter term ends.

March 19—Monday—Spring term begins.

June 8—Friday—Final Examinations end.

June 13—Wednesday—Annual Commencement.

THE COLLEGE OF LAW.

OFFICERS OF ADMINISTRATION.

REV. FREDERICK WILLIAM HINITT, PH. D., D. D.,
President of the University.

REV. LINDSAY HUGHES BLANTON, D. D., LL. D.,
Vice President of the University.

ARCHIBALD HALL THROCKMORTON, A. M., LL. B.,
Dean of the College of Law.

FACULTY.

ARCHIBALD HALL THROCKMORTON, A. M., LL. B.,
*Professor of Constitutional Law and the Law of Property
and Contracts.*

CHARLES HENRY RODES, A. B., LL. B.,
Professor of Equity and Corporation Law.

WILLIAM JENNINGS PRICE, A. M., LL. B.,
*Professor of Criminal Law and Procedure and the Law of
Evidence.*

HENRY JACKSON, A. B., LL. B.,
Professor of Pleading and Practice.

HON. MICHAEL C. SAUFLEY,
Lecturer on Federal Procedure.

HON. JAMES DENTON,
Lecturer on Appellate Practice.

HENRY GEORGE SNYDER, A. B., LL. B.,
Lecturer on Insurance.

THOMAS ALBRIGHT STEWART, B. S.,
Librarian.

HISTORY.

In the separate growth and development of the Centre College and the Central University, the need was felt in each for a Department of Law, in which especially the graduates of the Academic Departments might pursue their studies until equipped for the bar.

Such a department was early established at the Central University at Richmond, but after several years, the professors who were also practicing attorneys, moved away, and the Law School was suspended. In the fall of 1898, it was reorganized under more favorable auspices, with the veteran law teacher, Hon. William Chenault, as Dean, and Mr. Richard White Miller as Associate Professor, and these two gentlemen conducted the school until its removal to Danville.

The Danville Law School was established in 1894. Through the efforts of President William C. Young, Ex-Gov. J. Proctor Knott was induced to give up his practice at Frankfort and come to Danville, where, as Dean of the Law School, he devoted his entire time for the next seven years to the work of instruction. Associated with Ex-Gov. Knott were Hon. Robert P. Jacobs and Hon. John W. Yerkes, whose lectures, like those of Ex-Governor Knott, were eagerly sought by the students. When several years later, Mr. Jacobs and Mr. Yerkes, owing to the pressure of other work, gave up their positions in the School, they were succeeded by Hon. Robert T. Quisenberry and Hon. Charles H. Rhodes. Ex-Gov. Knott remained at the head of the School until June, 1901, when, on account of failing health, he resigned and retired from active work.

At the same time, the consolidation of the Centre College and the Central University was effected, and the Law Department of the consolidated institution was established at Danville under the name of the College of Law of Central University. Hon. Thos. P. Hill, of Stanford, was elected temporary Dean, and, with Mr. Rodes and Mr. Arthur C. VanWinkle, carried on the work of instruction during the session of 1901-2. In June, 1902, the present Dean was elected, under whom and his associates

the School was reorganized, new quarters were obtained, and the course much extended.

Since then, owing largely to the generous gifts of Mrs. Zillah Y. Jacobs, the equipment of the school has been greatly improved, and the library especially has been enlarged. The attendance has nearly doubled, and the prospects of the school are brighter than ever for increased patronage and usefulness.

Admission.

No examinations are required for admission to the Law School, but each student must be able to satisfy the Dean that he is prepared to undertake the work of the school. It is strongly recommended that the student first take a complete College course, or at least graduate from the High School; if the candidate for admission is found deficient, the privilege is reserved of requiring him to take certain studies in the departments of English, History, and Political Science in the Centre College.

Studies in the Centre College.

Students matriculating in the Law School have the privilege of attending, free of charge, any lectures and recitations in the Centre College. Abundant opportunity is thus afforded the student to make up any deficiency in his earlier education and to fit himself for intellectual leadership in active life. It is especially recommended that students who have not had a college education take at least one course each term in English or American History, Political Science, Economics, or Literature, as they may have opportunity.

Admission* to Advanced Standing.

Private study or work done in other Law Schools is no longer accepted in lieu of similar courses in the Law School. Such students, however, as present certificates from other law schools of approved standing, that they have completed certain courses, will be excused from attendance upon these courses; but in no case will the student be excused from taking the regular examinations with the remainder of the class.

Special Students.

Students are strongly advised to take the regular course prescribed for candidates for a degree, but upon assigning satisfactory reasons, they may be given special permission to take an

elective course. In this way, students are afforded opportunity to devote special attention to those subjects required for admission to the bar in their respective states.

By recent act of the Kentucky Legislature, all candidates for admission to the bar hereafter in this state, must pass an examination before the Circuit Court of a district in which the applicant does not reside, in the following subjects:

The common law; equity jurisprudence; constitutional law, federal and state; criminal law; real property; contracts; pleading; evidence; negotiable instruments; torts; corporations, public and private.

COURSE OF STUDY.

The curriculum is arranged for a course of two years of nine months each, those taking the first year's work being known as Juniors and the second year as Seniors. The work of each session is divided into three terms, ending respectively at Christmas, the Friday nearest the middle of March, and Commencement. After a subject is taken up, recitations are held upon it daily until it is completed, and it is believed that by thus concentrating the student's attention, better results are obtained than by instruction in a number of subjects concurrently, with recitations at longer intervals. The studies during the first year consist chiefly of substantive law, while the greater part of the second year is devoted to procedure and its kindred branches. The work is further so arranged that it can be begun with any term, and hitherto, some of the most successful students have been those entering after the Christmas holidays. It is strongly urged, however, that wherever possible, the student should enter promptly at the beginning of the Fall term.

The method of instruction pursued is by means of text-books, lectures and illustrative cases, coupled with a daily quiz on the topic assigned. It is confidently believed that in this way the best results are achieved. It is believed that the student should have in his hands for careful study at least a brief text in which the general principles of the subject are developed, and that these principles should then be illustrated by the reading of selected cases, the whole being accompanied by a searching quiz on the part of the professor as a test of the student's accuracy, and by further oral exposition and discussion. The aim throughout is to develop the scientific principles underlying the law and its application in specific instances. At the end of each term final examinations are held on all the work covered during the term, and the last month during the Senior year is devoted to a general review of the whole course, with special reference to preparation of the graduates for admission to the bar.

An outline of the course of instruction is given below:

JUNIOR YEAR.

(1) The Common Law—Professor Throckmorton.

This course consists of preliminary lectures on the common

law in its application to modern American law, the sources of modern municipal law, and kindred topics. The student is required to read portions of the first book of Blackstone and certain illustrative cases.

(2) Contracts—Professor Throckmorton.

Clark on Contracts, Hopkins' Cases on Contracts, the Professor's notes.

(3) Agency—Professor Throckmorton.

Huffcut on Agency (second edition). Selected cases.

(4) Real Property, Wills, and Administration—Professor Throckmorton.

Blackstone's Commentaries, Tiedeman on Real Property (second edition), Tiedeman's Cases on Real Property, Lectures and the Professor's notes.

(5) Constitutional Law, Federal and State—Professor Throckmorton.

Cooley's Constitutional Law, Smith's Cases on Constitutional Law.

(6) Domestic Relations and Personal Property—Professor Throckmorton.

Tiffany on Persons and Domestic Relations, Burdick on Sales (second edition), Lectures and the Professor's notes.

(7) Bailments and Carriers—Professor Throckmorton.

Lawson on Bailments, Selected cases.

(8) Negotiable Instruments—Professor Throckmorton.

Tiedeman on Bills, Notes and Checks, with cases.

(9) Insurance—Mr. Snyder.

Lectures and Selected Cases.

SENIOR YEAR.

(1) Common Law Pleading—Professor Jackson.

Shipman's Common Law Pleading, Lectures and the Professor's notes.

(2) Code Pleading and Practice—Professor Jackson.

Bliss on Code Pleading, Selected Cases, and the Professor's notes.

(3) Equity Jurisprudence—Professor Rodés.

Eaton on Equity, Lectures and the Professor's notes.

(4) Corporations—Professor Rodés.

Clark on Corporations, Lectures and Selected Cases.

(5) Evidence—Professor Price.

Greenleaf on Evidence, Vol. I. (16th edition), Selected Cases.

(6) Criminal Law and Procedure—Professor Price.

Clark's Criminal Law, Beale's Criminal Pleading and Practice.

(7) Torts—Professor Rodes.

Bigelow on Torts (seventh edition), Chase's Cases on Torts.

(8) Special Lectures by Judge Denton and Judge Saufley on Appellate Practice, Federal Procedure, and other topics.

Scheme of Lectures.

	JUNIORS.	SENIORS.
FIRST TERM.	The Common Law. Contracts. Agency.	Common Law Pleading. Corporations. Criminal Law and Procedure.
SECOND TERM.	Real Property. Domestic Relations. Personal Property. Insurance.	Code Pleading. Appellate Practice. Equity Jurisprudence.
THIRD TERM.	Constitutional Law. Bailments and Carriers. Negotiable Instruments	Evidence. Torts. Federal Procedure.

Law Debating Society.

The J. Proctor Knott Law Debating Society meets fortnightly throughout the Fall term, and affords the student opportunity from the very beginning of his course for the oral discussion and application of the principles of law. The society is conducted by the students themselves, but the questions for debate are furnished by the professors, at least one of whom is present at every meeting, and is expected, at the close of the discussion, to give his opinion upon the points under discussion.

Moot Court.

In connection with the regular courses in Pleading and Practice, the students are constantly required to draw all kinds of pleadings, which are examined and criticised by the professor in presence of the class. The class in Real Property is also utilized as a school of conveyancing, in which the students are required to prepare deeds, wills, contracts, leases, etc. Early in January the Moot Court is organized, and thereafter meets once a week until the end of the session. Here the students are given valuable practice in pleading and procedure under both the common law and code systems, embracing also criminal procedure and procedure in the courts of equity.

Law Library.

The Law Library consists of a valuable collection of Encyclopædias, Text Books, Reports and Digests, and is located in the large and comfortable room immediately over the recitation hall.

In March, 1903, the Library was greatly enlarged through the generous gift of Mrs. Zillah Y. Jacobs of the law library of her husband, the late Hon. Robert P. Jacobs, as a memorial of Mr. Jacobs' former connection with the Law School and of his abiding interest in its welfare. Since then further valuable donations to the Library have been made by Mrs. Jacobs, Mr. Frank Flaig, The Courier-Journal Job Printing Company, Hon. John D. Carroll, and Mr. Charles F. Beach, Jr.

The Library is under the supervision of a competent librarian, and is open all day. Students are encouraged to make free use of it in connection with their daily recitations, and more especially in preparing written opinions, and in the work of the law debating society and the moot court.

Legal Bibliography.

At an hour appointed early in the session, a lecture is given the new students by the Dean on the bibliography of the law and the use of books in gathering material for written opinions, briefs, etc. From time to time further exercises and examinations are given which insure in the student a thorough familiarity with abbreviations used and with methods of running down cases and finding authorities on a given point.

Law School Building.

The south wing of the Old College building has been set apart for the use of the Law School. The large recitation hall on the first floor has been handsomely fitted up with new individual desks with writing arms attached, while the library in the room on the second floor is accessible at all times both from the recitation room and the outside.

Examinations and Degree.

A grade of seventy-five per cent is required as a passing mark in all studies, and upon the successful completion of the regular class work, and that of the moot court and other assigned work, the degree of LL. B. is conferred upon the student.

Honors and Prizes.

1. **FACULTY PRIZE**—To that member of the Junior class who attains the highest general average of proficiency during the session, is annually awarded a copy of Black's Law Dictionary.

2. **THE JACOBS PRIZE**—This prize has been established by Mrs. Zillah Y. Jacobs as a memorial to her late husband, Hon. Robert P. Jacobs, a former Professor in the Law School. It consists of \$25.00 in law books to be awarded annually to that member of the Senior class who attains the highest general average in the work of that year.

3. **LAW SCHOOL ORATION**—One member of the graduating class is selected each year by the Faculty to deliver an oration, known as the Law School Oration, on Commencement Day.

EXPENSES.

The tuition fee in the Law School is \$75 for the session, half of which is payable upon matriculation, and the remainder February 1. For students attending the full course of lectures in both the Junior and Senior classes, the tuition fee is \$100. Students matriculating after the opening of the session will be charged in proportion. A further fee of \$7 is charged upon graduation to cover cost of diploma and commencement expenses. There are no other fees or "incidentals" charged the students, those stated above covering the entire cost of residence in the school and graduation.

The cost of books will vary. If all are bought new, the total cost of those used in the entire two years' course will be about \$60. Students are advised to wait until they reach Danville before purchasing their books, as special arrangements are made by which they are furnished through the Librarian at reduced prices.

Good board may be had in private homes in Danville at from \$3.50 to \$5.00 per week, or by rooming in Breckinridge Hall or the College Home, these expenses may be reduced to from \$2 to \$2.50 per week.

For further particulars in regard to the expense of living at the University, see page 86. It is believed that owing to the connection of the Law School with the University, an opportunity is afforded the law students for comfortable living at very moderate expense, quite unusual with professional students.

For further information, apply to

A. H. THROCKMORTON, *Dean*,
Danville, Ky.

DEGREES CONFERRED.

June, 1904.

Craft, William Wiley.....	Mallie.
Davis, Edward Courtney.....	Danville.
	(B. S., Centre College.)
Evans, Clarence.....	Stowers.
	(B. S., Centre College.)
Friend, Robert Riddell.....	Irvine.
	(A. B., Kentucky Wesleyan College.)
Godbey, Steuben.....	Middleburg.
	(A. M., Centre College.)
King, Harbert Livesey.....	Corydon.
Levi, Clyde Roland.....	Ashland.
Lyon, Frank Amos.....	Beattyville.
	(B. S., Centre College.)
Miller, Clarence.....	Irvine.
Milliken, George Duncan.....	Stowers.
	(B. S., Centre College.)
Pink, Louis Pechanick.....	Cincinnati, O.
Schoolfield, Charles Beard.....	Danville.
	(A. B., Centre College.)
Wycoff, George Foley.....	Mackville.
	(A. B., Centre College.)

Law School Orator.

Robert Riddell Friend.....	Irvine.
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Faculty Prize.

Washington Fithian Lilleston.....	Paris.
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STUDENTS IN THE COLLEGE OF LAW.

Senior Class.

Cooper, Damon McCloskey.....	Vine Grove. (B. S., Valparaiso College.)
Cornett, Denver Bennett.....	Harlan.
Fleece, Hugh Berry.....	Campbellsville. (B. S., Central University.)
Lilleston, Washington Fithian.....	Paris.
Linney, Hartwell Henderson.....	Danville. (A. B., Centre College.)
Poage, Paul.....	Ashland.
Rose, Elisha Thaddeus.....	Stillwater.
Sandifer, Henry Green.....	Danville. (B. S., Centre College.)
Wise, Henry Alexander.....	Craddockville, Va. (B. S., Virginia Polytechnic Institute.)

Junior Class.

Alexander, William Barkley.....	Pine Bluff, Ark.
Byrd, Thomas Hendricks.....	Campton.
Crenshaw, Dabney Hewell.....	Cadiz.
Howe, Ernest Given.....	Elizaville. (B. S., Centre College.)
King, John Thomas.....	Cadiz.
Lambert, William Darby.....	Henderson.
Letcher, Gibney Oscar.....	Henderson.
Lyttle, David Yancy.....	Manchester.
Miller, John G., Jr.....	Paducah.
Stewart, Thomas Albright.....	Wildie. (B. S., Centre College.)
Tabb, Hugh B.....	Stephensburg.

Summary.

Senior Class.....	9
Junior Class.....	11
	—
Total	20

HOSPITAL COLLEGE
OF MEDICINE.

**HOSPITAL COLLEGE OF MEDICINE,
LOUISVILLE, KENTUCKY.**

COLLEGE CALENDAR.

1905.

- January 2.—Regular Session begins.
January 9-10.—Entrance Examinations.
February 22.—Washington's Birthday (holiday).
June 25 to 30.—Examinations for Degree.
June 29.—Meeting of Alumni Association.
June 30.—Commencement.

1906.

- January 1.—Regular Session begins.

OFFICERS OF ADMINISTRATION AND INSTRUCTION.

FREDERICK WILLIAM HINITT, Ph. D., D. D., *President of the University.*

LINDSAY HUGHES BLANTON, D. D., LL. D., *Vice President of the University.*

LEWIS S. MCMURTRY, A. M., M. D., *President.*

THOMAS HUNT STUCKY, A. M., M. D., *Vice President.*

P. RICHARD TAYLOR, M. D., *Dean.*

PHILIP F. BARBOUR, A. M., M. D., *Secretary.*

H. HORACE GRANT, A. M., M. D., *Treasurer.*

FACULTY.

LEWIS S. MCMURTRY, A. M., M. D.,
Professor of Gynecology and Abdominal Surgery, 1912 Sixth Street.

FRANK C. WILSON, A. B., M. D.,
Professor of Diseases of the Chest and Physical Diagnosis, 405 West Chestnut Street.

SAMUEL G. DABNEY, M. D.,
Professor of Physiology and Ophthalmology, and Clinical Professor of Otology and Laryngology, 216 West Chestnut Street.

THOMAS HUNT STUCKY, A. M., M. D.,
Professor of Principles and Practice of Medicine and Clinical Medicine, 124 West Chestnut Street.

JOHN EDWIN HAYS, A. M., M. D.,
Professor of Descriptive and Surgical Anatomy and Clinical Professor of Dermatology, Warren Building.

H. HORACE GRANT, A. M., M. D.,
Professor of Surgery and Clinical Surgery, Warren Building.

P. RICHARD TAYLOR, M. D.,
Professor of Materia Medica, Therapeutics, Otology and Laryngology, and Clinical Professor of Ophthalmology, 129 West Chestnut Street.

PHILIP F. BARBOUR, A. M., M. D.,

*Professor of Diseases of Children and Organic Chemistry,
760 Second Street.*

EDWARD SPEIDEL, M. D.,

*Professor of Obstetrics and Diseases of Women, 713 Second
Street.*

GEORGE A. HENDON, M. D.,

*Professor of Principles and Practice of Surgery and Surgical
Pathology, 1826 Baxter Avenue.*

JOHN J. MOREN, M. D.,

*Professor of Diseases of the Nervous System and Med-
ical Jurisprudence.*

JAMES VANCE, M. D.,

*Professor of Bacteriology and Hygiene and Assistant to the Chair
of Gynecology and Abdominal Surgery.*

WALTER F. BORGISS, A. M., M. D.,

*Professor of the Practice of Medicine and Physical Diag-
nosis.*

E. O. WITHERSPOON, M. D.,

*Professor of Inorganic Chemistry and Demonstrator of
Chemistry.*

W. T. MCKINNEY, M. D.,

*Professor of Materia Medica, Demonstrator of Histology and
Pathology.*

RICHARD T. YOE, M. D.,

*Adjunct Professor of Diseases of the Chest and Physical
Diagnosis.*

JOSEPH A. SWEENEY, M. D.,

Adjunct Professor of the Principles and Practice of Medicine.

CHARLES FARMER, M. D.,

*Adjunct Professor of Anatomy and Assistant to Chair of
Surgery.*

SAMUEL P. MEYER, A. B., M. D.,

*Adjunct Professor of Physiology and Chief of Otological and
Laryngological Clinic.*

H. A. DAVIDSON, M. D.,

*Adjunct Professor of Obstetrics and Chief of the Clinic for
Diseases of Women.*

OSCAR W. DOYLE, M. D.,

*Adjunct Professor of Theory, Practice of Medicine, and
Clinical Medicine.*

- T. A. HAYS, M. D.,
Demonstrator of Anatomy.
- E. LEE HEFLIN, M. D.,
Lecturer on Operative and Minor Surgery and Chief of Surgical Clinic.
- W. T. MCKINNEY, M. D.,
Lecturer on Genito-Urinary Diseases.
- NEWTON T. YAGER, D. D. S.,
Lecturer on Dentistry.
- J. F. DUSCH, Ph. G., M. D.,
Lecturer on Pharmacy and Prescription Writing; Director of Pharmaceutical Laboratory.
- B. A. ALLAN, M. D.,
Assistant to Chair of Obstetrics.
- R. FISCHER, M. D.,
Assistant to the Chair of Diseases of Children and Chief of the Pediatric Clinic.
- DUNNING S. WILSON, M. D.,
Assistant to the Chair of Diseases of the Nervous System.
- HENRY E. PELLE, M. D.,
Assistant to Chair of Surgery.
- R. G. FALLIS, M. D.,
Assistant to the Chair of Materia Medica and Therapeutics.
- JOHN W. KREMER, M. D.,
Assistant to the Chair of Surgery.
- EDWARD O. SAGE, M. D.,
Anæsthetist to Surgical Clinic.
- H. W. HEUSER, M. D.,
Assistant to the Chair of Otology and Laryngology.
- G. S. HANES, M. D.,
Assistant to the Chair of Surgery.
- H. S. GUTHRIE, M. D.,
Assistant to the Chair of Obstetrics and Diseases of Women.
- F. L. WILHOIT, M. D.,
Assistant to Clinic on Diseases of Children.
- EDGAR DUFF BURNETT, B. S., M. D.,
Assistant to the Chair of Nervous Diseases.

FRANK J. KEIFER, M. D.,

Assistant to the Chair of Materia Medica and Therapeutics.

HUGH R. MANNING, M. D.,

*Assistant to the Chair of Theory and Practice of Medicine
and Clinical Medicine and Chief of the Medical Clinic.*

Staff of the Gray Street Presbyterian Infirmary.

H. HORACE GRANT, M. D.....Surgery
 THOMAS HUNT STUCKY, M. D.....Medicine
 LEWIS S. MCMURTRY, M. D.....Gynecology
 FRANK C. WILSON, M. D.....Diseases of the Chest
 SAMUEL G. DABNEY, M. D....Diseases of Eye, Ear, Nose, Throat
 JOHN EDWIN HAYS, M. D.....Diseases of the Skin
 PHILIP F. BARBOUR, M. D.....Diseases of Children
 P. RICHARD TAYLOR, M. D.....Diseases of the Eye
 GEORGE A. HENDON, M. D.....Surgery
 JAMES VANCE, M. D.....Pathologist
 EDWARD SPEIDEL, M. D.....Diseases of Women and Obstetrics
 W. T. MCKINNEY, M. D.....Genito-Urinary Diseases

Clinical Assistants in Infirmary and Dispensary.

JOHN J. MOREN, M. D.....Clinical Neurology
 RICHARD T. YOE, M. D.....Diseases of the Chest
 JOSEPH A. SWEENEY, M. D.....Clinical Medicine
 E. LEE HEFLIN, M. D.....Clinical Surgery
 E. O. SAGE, M. D.....Anaesthetist
 G. S. HANES, M. D.....Clinical Gynecology
 RICHARD FISCHER, M. D.....Diseases of Children
 JOHN W. KREMER, M. D.....Clinical Surgery

Staff of City Hospital.

PHILIP F. BARBOUR, M. D.....Clinical Medicine
 H. HORACE GRANT, M. D.....Clinical Surgery
 THOMAS HUNT STUCKY, M. D.....Clinical Medicine
 P. RICHARD TAYLOR, M. D.....
Ophthalmology, Otology and Laryngology
 W. T. MCKINNEY, M. D.....Genito-Urinary Diseases
 LEWIS S. MCMURTRY, M. D.....Gynecology
 JOHN E. HAYS, M. D.....Dermatology
 SAMUEL G. DABNEY, M. D.....
Ophthalmology, Otology and Laryngology
 JOHN J. MOREN, M. D.....Neurology
 EDWARD SPEIDEL, M. D.....Obstetrics
 GEORGE A. HENDON, M. D.....Clinical Surgery

HOSPITAL COLLEGE OF MEDICINE.

Local Advantages.

The city of Louisville has for half a century enjoyed the distinction of being one of the great centers of medical education in America. The central location of the city, midway between the extremes of North and South; its mild and equable climate; and its accessibility by means of its admirable railway facilities, offer exceptional advantages for educational purposes. The expenses of living are less than in any other large city in the United States. Statistics show that it is the healthiest city of its class, with exceptional freedom from epidemic diseases. With a population of over 225,000, with numerous large hospitals and dispensaries, this city affords unsurpassed facilities for medical instruction.

College Building.

The site of the College is immediately opposite the entrance to the Louisville City Hospital, on Chestnut Street. The situation is admirably adapted for the convenience of students, and for the large clinical work of the College. Six years ago a handsome four-story building was erected, which, with the former buildings (now thoroughly remodeled and improved), provides one of the most complete establishments for medical instruction in this country. This building is a modern brick and stone structure, with two large lecture-rooms, recitation-rooms, library, and museum, and well-equipped laboratories for Chemistry, Practical Anatomy, Operative Surgery, Histology, Pathology and Bacteriology, and Physiology.

Hospital Advantages.

THE GRAY STREET INFIRMARY.

Four years ago the Faculty of the College erected a hospital adjoining the College building and connected with it. This addition to the facilities for clinical instruction enables students to acquire a practical hospital experience and training.

The new hospital is known as the "Gray Street Infirmary," and is a four-story brick and stone structure, of handsome design, fronting on Gray Street and extending to the rear of the present

College building, with special entrance for students. It contains four wards, two for white and two for colored patients, male and female; with numerous private rooms for special medical and surgical cases. The building is constructed and arranged after the most approved methods, with all modern appointments.

The College Dispensary.

The Dispensary of the College, which has always been largely attended by the indigent population of the city, has been greatly enlarged and the service systematized. Every facility has been added for conducting the treatment of 20,000 to 25,000 patients at the Dispensary annually.

Both the Infirmary and the Dispensary are kept open throughout the year. A resident physician and druggist are in attendance, and the clinics are regularly conducted. Here advanced students in sections are taught methods of diagnosis and clinical observation and treatment. All the principal major surgical operations, general and special, as well as minor operations, are performed in the presence of the class. Every variety of disease is illustrated by patients in attendance upon the College clinics and in the Infirmary.

The City Hospital.

The Louisville City Hospital has recently been greatly enlarged and improved. Its ample wards are kept constantly filled. All the requisites for advanced clinical instruction are abundant in the amphitheater and wards. The classes of the College are admitted to the hospital lectures and clinics. For two and one-half months during the session the service of the City Hospital is entirely conducted by the Faculty of the Hospital College of Medicine. Medical and Surgical Clinics are held there two afternoons each week during the session.

The splendid clinical advantages offered students by the Dispensary of the College, the perfected facilities of the Gray Street Infirmary, and the general medical and surgical clinics of the City Hospital constitute a complete system of clinical instruction.

Requirements for Admission.

Every student admitted to the college must be of good moral character, and this must be attested by satisfactory evidence.

On matriculating, students should present and file credentials showing they are graduates or matriculates of recognized col-

leges of literature, science, or arts, academies, or normal schools, or high schools, or pass a satisfactory examination in the following branches:

1. In English composition, submitting a composition on some subject of general interest embracing not less than two hundred words. This will be considered with reference to spelling, punctuation, thought, and construction.
2. In Arithmetic, showing knowledge of common and decimal fractions, percentage, and compound numbers.
3. In Algebra, through simple equations.
4. In Latin, the first year of the ordinary Latin course.
5. In Physics, on the elements of mechanics, hydrostatics, hydraulics, heat, optics, and acoustics.

When students are found deficient in one or more branches in the entrance examination they may enter the first-year course, but must fulfill these requirements before being admitted to the studies of the second year.

Advanced standing granted upon courses taken in other medical colleges, or upon professional or academic degrees, will be subject to revision if upon further investigation such courses or degrees are found insufficient to meet the requirements of the Association of American Medical Colleges.

At the close of each session examinations will be held. Each student who has attained eighty per cent of the course, and who passes satisfactory examination, will be issued a certificate, signed by the Dean and stamped with the seal of the University. The student will receive credit for that part of a course which he has attended and paid for.

The Faculty reserves the right to sever the connection of any student with the school when in its judgment it is warranted.

For further information or for catalogue, address

P. RICHARD TAYLOR, M. D., *Dean*,
Louisville, Kentucky.

STUDENTS.

Abraham, D. Edw.....Ky.	Burton, Calvin Charlie....Ky.
Allen, Joshua Rufus.....Tex.	Byrd, Richard Arthur....Ky.
Allison, Walter G.....Ark.	Cain, Jasper.....Ind.
Allphin, James C.....Ky.	Caldwell, Herbert.....Ky.
Anderson, Jeremiah.....Ky.	Campbell, Isaac Johnson..S. C.
Anderson, Garrett Jas..N. Car.	Campbell, Wm. Edwards..Tex.
Ashcraft, John Fairly....Ark.	Cameron, Julius Henry..Tex.
Ashcraft, Thos. Reed....Ark.	Cannaday, Robert Wythe..Va.
Ashinhurst, Thos. Elbert..Tex.	Carter, Willie F.....Ky.
Bailey, Jacob N.....Mo.	Cary, James Mathew.....Ky.
Bailey, Nelson Alonzo....Ky.	Cash, Wm. Howard.....Ky.
Bailey, Thos. B.....Ky.	Caseldine, Henry Crabb....Ky.
Bailey, Steele.....Ky.	Caylor, Harvey Cooper..Okla.
Baisden, R. L.....W. Va.	Center, Taylor.....Ky.
Baker, Alson.....Ky.	Chafin, Joshua.....W. Va.
Ballard, Thos. Jefferson...Ky.	Chandler, Thos. Jeff.....Ky.
Bandy, Clandis Estyl.....Ky.	Clapper, Fred Fenton.....Mo.
Bartlette, Marion J....W. Va.	Combs, Victor Ray.....Ky.
Bassett, Moorman W.....Ky.	Cornelius, Albert F.....Ky.
Baugh, Joseph F.....Ky.	Combs, Mason.....Ky.
Beckett, Austin L.....Ky.	Collins, Collie.....Ky.
Beck, John Matcolm.....Ky.	Coke, Lewis McMurtry....Ky.
Beeler, Frank L.....Ind.	Conley, Geo. F.....Ky.
Blackford, C. M.....Ind.	Cox, John Logan.....Ky.
Blair, Frank H.....Ky.	Cravens, Harry B.....Ind.
Boitnott, H. R.....Ky.	Crichlon, Richard Smith...Ky.
Bond, Oscar.....Ky.	Craft, Nicodemus W. B...Ky.
Boothe, Robt. Campbell..Ohio	Crisler, Ben C.....Miss.
Botts, Wm. N.....Va.	Crouch, Edward.....Ky.
Bowden, Henry W.....Ind.	Crook, James Wiley.....Ky.
Boyatt, Francis M.....Tenn.	Crowder, Chas. Garfield...Ky.
Brown, Chas. Richard....Ind.	Cundiff, Walter Roscoe....Ky.
Brown, J. W.....La.	Davis, Geo. Madison.....Ky.
Breidenthal, Geo. B.....Ky.	Davis, Allen Crum.....Ohio
Broaddus, Beverly S.....Ky.	Davis, John Thomas.....Ky.
Bruce, Edwin T.....Ky.	Davis, Stirley C.....Ky.
Brown, Joseph Nichols...La.	Dean, Ray E.....Mich.
Brooks, Cleveland H....Tex.	Dempsey, Mark.....W. Va.
Buchanan, Marion Wash..Ky.	Depp, Candor Galetine....Ky.

Deweese, Chas. Waldos...Ky.	Gray, Fred.....Ky.
Deweese, Clarence.....Ky.	Greenwell, Richard H.....Ky.
Deweese, Eugene.....Ky.	Gross, America M.....Ky.
Dunkelman, Dwight.....La.	Hall, Jos. Franklin.....Ill.
Dunn, John Flavis.....Ky.	Halpern, Marcus Benj...Tenn.
Durham, Wallace Wyatte..Ky.	Hamlett, Gardie A.....Ky.
Duvall, Wilbur George....Ky.	Hamm, E. Field.....Ark.
Ebelin, James Gustavus..Tenn.	Hancock, Jos. Mitchell....Ky.
Edge, Thos. Jackson.....Ky.	Hancock, Jethra.....Ky.
Edge, Ora Walter.....Ky.	Hargis, Wm. Howard....Tex.
Edwards, Berry Jesse....Ky.	Harkey, Clifford.....Ky.
Edwards, Geo. Grant.....Ky.	Harrison, Leonard W....Ky.
Edwards, Edw. Everett....Ky.	Harmon, Elijah L.....Ky.
Elliott, John Coffield.....Ind.	Harmon, John Arthur....Ind.
Elrod, Wm. R.....Ky.	Harmon, J. Edward.....Ky.
Emens, Wm. Austin.....Ala.	Harris, Wilburn.....Ky.
Eversole, Chester A.....Ky.	Hart, John LaFayette....Ky.
Fallis, Wm. Edgar.....Ky.	Hayes, Wm. A.....Ky.
Farbach, Henry John.....Ind.	Hays, John D.....Ky.
Finley, Chas. Lewis.....Ohio	Hazil, John Bishop.....Ky.
Finley, Robert Henry.....Ky.	Heizer, W. Lucien.....Ky.
Fix, Carroll, Clinton.....Ky.	Henly, Robert D.....Ky.
Flowers, Marshall Bryson..Ky.	Henry, Omar Clinton....Ky.
Frey, C. E.....Ky.	Hilling, James Ruley....Ohio
French, Richard Vale.....Ill.	Hinkle, Ferdinand Wm...Ky.
Fugate, Isaac T.....Va.	Hinson, Tolbert B.....Ark.
Gaddie, James Franklin...Ky.	Hobbs, Wm. Harrison....Ky.
Gambill, John Craton....Ky.	Hockman, Frank.....Ill.
Gamron, Thos. Verlin....Ky.	Hoover, Isaac Jones.....Ky.
Garr, Chas. Crain.....Ky.	Hoskins, Albert B.....Ky.
Gatz, Robert E.....Ky.	Hoskins, Millard D.....Ky.
Gay, Frank L.....Ky.	Howell, Elery Wash.....Ky.
Gibbs, Slathe C.....Ky.	Howard, Garfield.....Ky.
Gibson, Wm. Henry.....Ky.	Hopson, Elmo W.....Ark.
Gibbs, Emmett W.....N. Car.	Hundley, Henry Ray.....Ky.
Giles, Thos. Leslie.....Va.	Huddleston, Thos. W....Ky.
Godby, Duke M.....Ky.	Hunter, Ted Berlin.....Ky.
Gowdy, Edwin Lee.....Ky.	Ingram, Moses Randall...Ky.
Gordon, Alvin J.....Ky.	Isaac, Hubert Harrison...Ky.
Graham, Chas. L.....Ky.	Irby, Frank.....Ark.
Graves, Casey Blank.....Ky.	Jackson, Francis M.....

James, Wm. Daniel.....Tenn.	Million, Joel B.....Ky.
Jeffrey, Abraham Leo.....Ind.	Mitchell, John I.....Ind.
Jett, Nelson Asbury.....	Mitchell, Elmore Flavis...Ky.
Johnson, Green.....Ky.	Moore, Paul Daniel.....Ky.
Johnston, John Evan.....Ky.	Moore, Leonidas F.....Ky.
Jones, Wm. Alvey.....Ky.	Moore, Chas. Hudson.....Ky.
Jones, Frank L.....Ky.	Mooreman, Earl.....Ky.
Karraker, Chas. W.....Ill.	Morrison, Eugene Thos..Tex.
Kash, Daniel Hurst.....Ky.	Morrison, Henderson S..Tenn.
Kelly, John C. B.....Ky.	Morse, Wm. P.....Ky.
Kelley, Mantford.....Ky.	Morton, Charlie Rufus....Ky.
Kemp, Willie Chesley....Ky.	Moser, John Thos.....Ky.
Kennedy, Tyler Aston....Ark.	McLure, D. Elmer.....Ky.
Kern, Frank Weaver.....Ind.	McConnell, Hiram R.....Va.
King, Wm. Edbert.....Tenn.	McLean, Claud Cooper...Ala.
King, Emery W.....Ill.	Neel, Hugh W.....W. Va.
King, Adam Rush.....Tex.	Nichols, Wm. Madison....Ky.
Kittinger, Rollie W.....Ky.	Noblin, Alec.....Va.
Knox, Eli French.....Ky.	Nock, Henry Tilford.....Ky.
Koger, Robt. Gordon....Ky.	Nooe, Frank Jewell.....Ky.
Kuykendall, James Lewis..Ky.	Norfleet, Carl.....Ky.
Lamb, Jones Huston....Ark.	Nunnelly, Sam B.....Ky.
Lampton, Jesse.....Ky.	Ogden, Geo. Rowland..W. Va.
La Rue, Hugh.....Ky.	Oh, Kung Sun.....Corea
Leigh, Amistead Macon..Miss.	Oldham, Wm. Bryan.....Ky.
Logan, E. Leslie.....Ky.	Orders, Clark E.....Ohio
Lomax, Claud.....Ind.	Otto, Henry C.....Minn.
Lucas, Isaac.....Ky.	Owens, Robert Lee.....Ky.
Lutkins, Joshua Belle....Ky.	Palmore, Ewing Lamb....Ky.
Lynn, James Franklin....Ky.	Parke, Edward H.....Miss.
Maddox, Jesse.....Mo.	Parker, Sam Fletcher....Ky.
Marshall, Thos. Juett....Ky.	Parr, Wm. Louis.....Ind.
Marrs, Frank John.....Ky.	Parsons, Wm. Henry.....Ky.
Martin, Chas. Wm.....La.	Peebles, Wm. Ferguson...Ky.
Martin, Wm. Monroe....Va.	Peele, Harry E.....Ky.
Martin, Claud Gailard....Va.	Pennington, James G.....Ky.
Martin, Wallace.....Ky.	Perkins, Ianthus Clyde...Ohio
Martin, Chas. F.....Ind.	Peters, Wm. B.....Va.
Melton, Henry Ripley....Ky.	Phillips, Hiram Alford....Ky.
Millard, John B.....W. Va.	Phillips, Milton Millard...Ky.
McDonald, Chas. T.....La.	Pope, Henry Cook.....Ky.

Price, Morris.....Ky.	Sparkes, James Cecil.....Ky.
Pritchard, Jesse.....Kan.	Sprichard, Luther J.....Ky.
Pryse, Wayne.....Ky.	Spicer, Woodson Wash...Ky.
Quigley, Austin R.....Ky.	Sprinkell, Karl M.....Ind.
Ragsdale, Geo. Moss.....Mo.	Stalker, John Morton.....Ind.
Ray, Dalton.....Ky.	Steele, R. Edward.....W. Va.
Render, Carlie Davis.....Ky.	Steeley, Benj. Franklin...Ky.
Rice, Conrad Baker.....Ky.	Stroud, Cleveland G.....Ill.
Richie, Samuel Marcellus..Ky.	Sumner, Roy.....Ky.
Richmond, Henry C. T..Tenn.	Suter, Webb.....Ky.
Richard, Marion Barie...Tex.	Sweeney, John Tyler.....Ky.
Richardson, Justus E.....Va.	Swinford, Chas. Lewis...Ky.
Ridley, James Uri.....Ky.	Tartar, John Franklin....Ky.
Roberts, Cescus Chester...Ky.	Thomas, Ansil L.....Ky.
Roberts, David Daniel....Ill.	Thompson, Geo. Letcher..Ky.
Roberts, Oscar.....Ark.	Tilton, James Jesse.....Ky.
Rush, William Madison...Ky.	Timmons, Eimer Lee....Tex.
Ryburn, Samuel M.....Tenn.	Tinsley, John Robt.....Ky.
Saalman, James Elmer...Ind.	Travis, Walter T.....Ky.
Salinger, Samuel.....Ky.	Turner, Edward Daniel...Ky.
Sandbach, Wm. Spurrier..Ky.	Tydings, Chas. O.....Ky.
Scott, Harvey Barbour....Ky.	Varney, John B.....W. Va.
Schrader, Chas. C. T....Ind.	Vaughan, Claude.....Ky.
Sellers, Earl Dennis.....Iowa	Veal, Marian Speed.....Ky.
Shellburn, C. Davis.....Ky.	Venters, James Ellison...Ky.
Shaffer, James S.....Ind.	Vineyard, Thos. Howard..Ala.
Shields, Benj. Franklin...Ky.	Wait, Wm. Curd.....Ky.
Sievers, Robert C.....Ky.	Wallace, James Benj.....Ky.
Sigrest, Otho Randolph..Miss.	Wallace, Tracy.....Ky.
Simpson, Sydney.....Ky.	Wall, Melville Burdine...Ky.
Simpson, Morrell.....Ind.	Dallingford, Wm. H.....Ky.
Singleton, Dennis Edw....Mo.	Walter, Edgar P.....Ky.
Skaggs, Doctor R.....Ky.	Walton, Hubert.....Ky.
Smith, Festus Steely.....Ky.	Warren, Marian.....Ky.
Smith, Dempsey Franklin..Ky.	Warren, Bradford.....Ky.
Smith, Wm. Josiah.....Ky.	Waters, Chester T.....Ind.
Smith, Thos. Martin.....Ind.	Waugh, Fred D.....Ill.
Smith, Wallace Alonzo..Wash.	Weddle, Achilles.....Ky.
Smith, Olen Virtrie.....Mo.	Weldon, Lon Oliver.....Cal.
Snider, Thos. Jefferson....Ky.	Wellman, Jerry.....Ky.
Sparrow, Wm. D.....Ky.	Weslie, Fiske.....Kan.

West, Edward H.....Ky.	Winchester, Leslie.....Ky.
White, Geo. W.....Ky.	Winter, John S.....Ind.
White, John Thomas....Ky.	Wolfe, Joshua Geo.....Ky.
Whiteside, Wm. E.....W. Va.	Wood, Iva Jephtha.....Ky.
Whitis, Mac C.....Ky.	Wright, Chester A.....Ky.
Whitlatch, Chas. Henry...Ind.	Wright, L. LaFayette....Ky.
Williams, John Clay.....Ky.	Young, James Alfred.....La.
Williams, Elery.....Ky.	Young, John G.....Ky.
Williams, John Melton....Ky.	Zernow, Henry Stokes....Ky.
Wilson, Leonard Mack....Ky.	

Total, 396.



LOUISVILLE COLLEGE
OF DENTISTRY.

LOUISVILLE COLLEGE OF DENTISTRY.
LOUISVILLE, KENTUCKY.

CALENDAR.

1905-1906.

January 2.—Christmas vacation closes. Second Semester begins.

February 22.—Washington's Birthday. Holiday.

March ——Meeting of Alumni Association. (Date to be announced.)

April 26 to May 3.—Freshman and Junior Examinations.

Final Examinations for the Degree of Doctor of Dental Surgery.

May 4.—Commencement.

October 3.—Session 1905-6 begins.

OFFICERS OF ADMINISTRATION AND INSTRUCTION.

FREDERICK WILLIAM HINITT, Ph. D., D. D., *President of the University.*

LINDSAY HUGHES BLANTON, D. D., LL. D., *Vice President of the University.*

H. B. TILESTON, M. D., D. D. S., *President.*

E. M. KETTIG, M. D., D. D. S., *Vice President.*

WILLIAM E. GRANT, M. D., D. D. S., *Dean.*

FACULTY.

H. B. TILESTON, M. D., D. D. S., *President of Faculty,*
Professor of Operative Dentistry, Dental Pathology and Embryology, 314 Equitable Building.

E. M. KETTIG, M. D., D. D. S., *Vice President,*
Professor of Prosthetic Dentistry, Crown and Bridge Work,
318 West Walnut Street.

WILLIAM E. GRANT, M. D., D. D. S., *Dean,*
Professor of Orthodontia, 419 W. Chestnut Street.

H. HORACE GRANT, A. M., M. D.,
Professor of Oral Surgery and Clinical Surgery, Warren Building.

NEWTON T. YAGER, D. D. S.,
Professor of Anaesthetics and Oral Diseases, 215 W. Chestnut Street.

P. RICHARD TAYLOR, M. D.,
Professor of General Materia Medica, Pharmacology, and Hygiene, 129 W. Chestnut Street.

PHILIP F. BARBOUR, A. M., M. D.,
Professor of Chemistry and Metallurgy, 760 Second Street.

W. ED. GRANT, M. D.,
Professor of Anatomy, 723 W. Jefferson Street.

HUGH K. KELLOGG, D. D. S.,
Professor Clinical Crown and Bridge Work and Orthodontia,
Equitable Building.

- W. MARCUS RANDALL, D. D. S.,
Professor of Operative and Prosthetic Technics, Dental and Comparative Dental Anatomy, 419 W. Chestnut Street.
- J. WILLIAM CLARK, D. D. S.,
Clinical Professor of Applied Electricity, Courier-Journal Building.
- MAX M. EBLE, D. D. S.,
Professor of Practice, Ethics, and History, Equitable Building.
- H. B. HOLMES, D. D. S.,
Professor of Dental Materia Medica and Therapeutics, 1114 Frankfort Avenue.
- CARL WEIDNER, M. D.,
Professor of Bacteriology, W. Jefferson Street.
- ADOLPH O. PFINGST, M. D.,
Professor of Histology, Chestnut Street.
- BENJ. F. ZIMMERMAN, M. D.,
Professor of Pathology, 1003 Morton Avenue.
- H. B. HOLMES, D. D. S.,
Instructor in Operative Dentistry, Frankfort Avenue.
- W. M. RANDALL, D. D. S.,
Instructor in Operative Dentistry, Chestnut Street.
- B. D. RIVERS, A. M., D. D. S.,
Instructor in Operative Dentistry and Embryology, College.
- RAYMOND E. GRANT, D. D. S.,
Instructor in Operative Dentistry, Chestnut Street.
- J. B. JORDAN, D. D. S.,
Instructor in Prosthetic Dentistry, College.
- S. H. HEAVRIN, D. D. S.,
Instructor in Operative Dentistry, Chestnut Street.
- E. LEE HEFLIN, M. D.,
Instructor in Surgery, Market Street.
- R. W. BRYAN, M. D.,
Instructor in Anatomy, Jefferson Street.
- C. C. HALL, M. D.,
Instructor in Chemistry, Kast Building.
- J. C. ROGERS, M. D.,
Associate Professor of Physiology, St. Charles Flats.

J. B. RICHARDSON, M. D.,

Associate Professor of Histology, Chestnut Street.

CARL GRANT, M. D.,

Associate Professor of Anatomy.

LOUISVILLE COLLEGE OF DENTISTRY.

The New College Building.

The Louisville College of Dentistry was organized in 1887, as a branch of the Central University of Kentucky, and was connected with the Hospital College of Medicine up to 1890. In that year, on account of the increase in the number of students attending its sessions and the advance in its equipment and methods of teaching, it became necessary to provide a new home for the College of Dentistry, and the faculty were fortunate in securing a very desirable site in the northwest corner of Brook Street and Broadway. Upon this property has been erected a handsome and complete college building, modern in arrangement and equipment, which has been pronounced by all who have inspected it to be equal to any dental college building in existence.

Electric car lines, which, with their systems of transfers, reach every part of the city, pass the new building on two sides, and thus make the daily clinic available to all those desirous of dental service, giving the student all the opportunity possible to get sufficient practical experience before graduating.

National Recognition.

The Louisville College of Dentistry has been a member of the National Association of Dental Faculties ever since its organization, and through its representatives always takes an active part in the deliberations of that body. The college is recognized by the National Association of Dental Examiners; it also has membership in the Institute of Dental Pedagogics.

The Course of Instruction.

The course of instruction is based upon a full recognition of the fact that the profession of dentistry is a healing art, and hence the student is given every opportunity to extend his knowledge in the field of medicine. But naturally those subjects pertaining more strictly to the practice of dentistry receive the most earnest attention on the part of the instructors. It is a deserved tribute to the thoroughness of the teaching of the principles and practice of dental surgery that the graduates

from this institution have no difficulty in passing the examining boards of those States where no dental degree is recognized, and many of the junior students have passed some of the most exacting boards successfully.

While the class instruction is all that can be desired, the practice in both the laboratory and infirmary brings into exercise the theory received in the amphitheater, and no established practitioner will meet in his daily practice any form of operation in the oral cavity that is not presented to the student in this college.

The Faculty.

The Faculty is composed of men experienced in their profession; the demonstrators in the laboratories and infirmary are competent and experienced. Members of the Faculty spend several hours of each week in the infirmary and laboratories giving practical instruction, and it can safely be said that the graduate of this school has had all the advantages of instruction in the technique of the profession that can possibly be obtained.

The Degree.

The object of this school is to elevate the dental profession, through its students, to that high standard that it must ultimately attain. The future possibilities of dental surgery can not be estimated, and in order that the dental student may be able to meet all requirements, it is absolutely necessary that his education be broad and comprehensive.

In order to obtain a degree from the Louisville College of Dentistry, it is necessary that three full courses of graded instruction be taken; the last of these must be in this college. No two courses can be taken during the same year.

It is the constant aim of the Faculty to have every student who receives a diploma of the College thoroughly equipped with that knowledge, both theoretical and practical, which will enable him to practice his profession in an eminently qualified manner, and to this end no pains have been spared to place before the student everything that will aid him in his present and future advancement.

Opening Date, October 3, 1905.

The Dental College now being independent, it was deemed best to change the date of opening so as to conform with that

of the other colleges in the Dental Faculties Association. Students will please note that the next session of the college will begin on October 3, 1905, and continue thirty weeks. They should note, also, that students must be present and matriculate not later than ten days after the opening of the session in order to receive credit for the entire term.

The Post-graduate or Practical Course begins August 28, and continues to October 13. This is a thoroughly practical course, embracing all the important subjects of dentistry. If interested, write for special announcement.

Requirements for Admission.

Extracts from Code of Rules of the National Association of Dental Faculties:

"The minimum preliminary educational requirements of colleges of this Association shall be a certificate of entrance into the third year of a high school, or its equivalent, the preliminary examination to be placed in the hands of the State Superintendent of Public Instruction.

"No member of this Association shall give credit for a full course to students admitted later than ten days after the opening day of the session as published in the announcement.

"In case one is prevented by sickness, properly certified to by a reputable physician, from complying with the foregoing rule, the time of admission shall not be later than twenty days from the opening day."

"Students in attendance at colleges of this Association, to obtain credit for a full term, must be and remain in attendance until the close of the session."

Students desiring to matriculate should bring any diplomas or credits for advanced standing, literary or otherwise, which they have.

The candidate will be required to submit to the Dean of the College satisfactory evidence of good moral character.

Matriculation at an early date is desirable in order to secure choice seats in the two amphitheaters, also chairs, lockers, etc., as all assignments are made in order of matriculation. The students are expected to occupy the seats assigned to them throughout the term.

Only white male students are admitted to the classes.

Instruments.

Each student, before beginning the work for the year, is positively required to procure certain instruments with which to do his work, a list of which will be furnished by the Dean. The outfit for college adapted for after-practice will cost about \$25.00 for the Freshman year, and during the following years \$50.00 to \$75.00 more.

Requirements for Graduation.

The College, being a member of the National Association of Dental Faculties, requires "Attendance upon three full courses, of not less than thirty weeks each, in separate academic years, before graduation," and also requires the candidates to be twenty-one years of age, to have devoted four years to the study of dentistry, and to have attended three full courses of lectures in separate years, in which he shall have entered college not later than the tenth day after the beginning of the session, and the last of which must have been in this institution; to possess an acceptable moral character, including good deportment while a student; to have deposited in the college museum a creditable specimen of prosthesis, made in the college laboratory, and to have performed in the infirmary such operations as may have been required of him, and finally to pass a satisfactory written examination on all obligatory branches.

Branches of Study.

All branches that have a direct bearing on dentistry are taught, including Anatomy, Physiology, Chemistry and Metallurgy, Operative Dentistry, Dental Pathology and Embryology, Prosthetic Dentistry, Crown and Bridge Work, Prosthetic Technics, Operative Technics, Dental and Comparative Dental Anatomy, Orthodontia, Materia Medica, Pharmacology and Hygiene, Dental Materia Medica and Therapeutics, Surgery, Anæsthetics and Oral Diseases, Histology, Bacteriology and Pathology, Physics and Porcelain Dental Art, Applied Electricity, Dental History, Practice and Ethics, and Dental Jurisprudence.

Those desiring further information or wishing a catalogue of the Louisville College of Dentistry, can procure the same by addressing,

W. E. GRANT, D. D. S., Dean,
Brook Street and Broadway, Louisville, Ky.

STUDENTS.

Senior Class.

Adams, Geo. M.....Ky.	Forestner, John J.....Ky.
Allen, Roger Stine.....Ky.	Fountaine, Mrs. Emma A.Ind.
Alvis, Samuel Walter.....Ky.	Genovar, Willard P.....Fla.
Anderson, John Adair.....Ky.	Gibb, Wm. Arthur.....Mont.
Austin, Melton Jelmon...Tex.	Granger, Thos.....Mo.
Averitt, Benj. Jarras.....Ky.	Grant, Jas. E.....Ky.
Bailey, Clifford K.....Miss.	Grant, Lewis F.....Ky.
Baker, Sheridan Riley.....Ky.	Gregory, Emanuel S.....Ala.
Baldwain, Robert Aug.....Ky.	Green, Carroll C.....Tex.
Bass, Thomas Merit.....Ky.	Greening, John Rich.....Mo.
Bell, B. Earl.....Tex.	Herd, Jno. Daugh.....Ky.
Bell, G. G.....Ky.	Herndon, Wm. Thos.....Ky.
Best, Franklin P.....N. C.	Hibbs, Chas. C.....N. Dak.
Berndt, Paul Edmund....Tex.	Huffhines, Seaf E.....Ky.
Blacklock, Landrum A....Ky.	Hardaway, A. Moorman...Ky.
Bloodworth, Harmon C..Miss.	Irvan, Oscar B.....Ky.
Bowles, Chas. Marion.....Ky.	Kerley, Andrew S.....Tex.
Bowles, John Green.....Ky.	Lester, Wm. E.....Ky.
Brockmeyer, Chas. H.....Ill.	Lindley, Raymond A....Tex.
Carter, Clement Moore...Ill.	Lowe, Geo. H.....Ill.
Cervera, Angel.....Cuba	Lucas, Geo. F.....Ky.
Coffman, Jesse H.....Ky.	Lynch, Albert O.....Ky.
Cox, Wade Hampton.....Ky.	Lucas, Henry W.....Ky.
Cunningham, Herbert C...Ky.	Maggard, Gilbert G.....Ky.
Dale, Birt H.....Ind.	Maggard, Elijah H.....Ky.
Day, Frank E.....Ind.	Main, Wm. Lawrence....Ind.
Denny, Marshall K.....Ky.	Martin, W. Frank.....Miss.
Dexter, Mendsey M.....Ky.	Maxwell, Jas. Amos.....Miss.
Diller, Wm. Sargent.....Ky.	Means, Geo. H.....Ky.
Dixon, Ashley Beauregard.Mo.	Mullally, John J.....Maine
Dodson, Leonard H.....Ky.	Murrell, Jno. N.....Ky.
Dow, Jas. Abraham....Canada	McDonald, Robert W....Miss.
Duley, Wm. Peyton.....Ky.	McKinnon, John B.....Tex.
Eager, Harman LaFayette.Ky.	McKnight, Robert F.....Ill.
Elliott, E. Cronly.....Ky.	McMeekin, Jos. D.....S. Car.
Eaison, Clyde Irvin...Ind. Ty.	Nichols, Hughes T.....Ky.
Finklea, Jesse W.....S. Car.	O'Sullivan, Wm. C.....Maine

Ohme, Harry E.....	Fla.	Shouse, Lucien D.....	Ky.
Parker, Geo. Thos.....	Ky.	Stallard, Ben W.....	Ky.
Parkey, Fain Cornelius..	Tenn.	Stallard, Walter V.....	Ky.
Pennington, Timothy W..	Ky.	Steely, Arthur.....	Ky.
Peyton, Clarence L.....	Ky.	Stephenson, Jas. Thos....	Ky.
Phillips, W. F.....	Tenn.	Stubbs, Jas. S.....	Tex.
Pirie, J. Grant.....	Scotland	Thomson, Robert Allin....	Ky.
Pixley, Dwight M.....	Ill.	Thompson, Noel Rich....	Miss.
Ray, Leslie G.....	Ky.	Tileston, Harry B., Jr....	Ky.
Rice, Lee Lawson.....	Ind.	Wales, Cornelius M.....	Miss.
Rice, Montrey E.....	Tex.	Ward, Claude A.....	Tex.
Richardson, Jno. Edw....	Ky.	Welsh, Thos. J.....	Ky.
Richenberg, Geo. A.....	Ky.	Wilkins, Thos. A.....	N. Car.
Robertson, Jno. Edw....	Ky.	Williams, Geo. D.....	Ky.
Sanders, Chas. A.....	Ky.	Wilson, Geo. L.....	Miss.
Seebold, Jesse E.....	Ky.	Wolfe, Herbert B.....	Ky.
Shacklett, Blanset....	Ind. Ty.		

Junior Class.

Adkins, Boaz.....	Ky.	Forestner, Edw. Fred....	Ohio
Banner, Warren.....	Va.	Hargis, Hessia Herman...	Ky.
Beeler, Dennis Bennett...	Ind.	Hoeffel, Paul Sylvester...	Wis.
Beeler, Thos. T.....	Ind.	Holland, Lee Chapman...	Tex.
Cornic, Nim.....	Miss.	Holloway, Geo. Franklin..	Ky.
Crum, Solon.....	N. Dak.	Hudson, Arthur.....	Miss.
Daniel, Roy Clifton.....	Ky.	Leonard, Jno. Gould...	Canada
Davis, Jno. Roy.....	Ky.	Miller, Enoch McKay....	Ky.
Dewitt, Allen Lee.....	Ky.	McShane, Hugh Jos.....	Ky.
Dismukes, Julian Macon...	Ky.	Pryor, Jesse Henry.....	Ala.
Doss, Lewis M.....	Ind. Ty.	Render, Lee Oakley.....	Ky.
Duff, Howard Smith.....	Ky.	Roberts, Jos. Teal.....	Ky.
Dyche, Robert Wesley...	Ky.	Sherwood, Aug. Abraham..	N.J.
Dresser, Harold.....	Minn.	Stone, Othneil Otway....	Ky.
Eden, Jos. E.....	Ill.	Sullivan, Patrick Jos.....	Ky.
Ellington, Chas. Sidney..	Tex.	Stone, Charles.....	Ky.
Fontaine, Alvin L.....	Ind.	Tate, Robert Adam.....	Ky.
Fontaine, Eli N.....	Minn.	Tate, Virgil Henry.....	Ky.
France, Foster.....	N. Y.	Taylor, Walter Lee.....	Ky.
Frear, Emil Arthur.....	Wash.	Wilhoit, Acton.....	Ky.

Freshman Class.

Ashcraft, Thos. Reed....Ark.	Lundell, Henry W.....Minn.
Baird, Jas. F.....Ky.	Lucas, Presley Owen....Kan.
Baker, Robt. Lee.....Mo.	Maggard, Henry B.....Ky.
Baker, Geo. Jefferson....Miss.	Matthews, Rich. L.....Miss.
Barnett, Jos. J.....Mo.	Mead, Lloyd.....Ky.
Black, Howard Vinton....Ind.	Meredith, Omar Slayton...Ky.
Bentley, Grover C.....Ky.	Mullinix, Wm. E.....Tenn.
Beeler, Rich. Lee.....Ind.	McKee, Wm. Marple.....Ky.
Boone, John R.....Ky.	Pinkerton, Thos. Akin....Tex.
Booth, Frank Jas.....Fla.	Pritchard, Chas. Garfield..Ind.
Bosler, Raymond L.....Ind.	Pemberton, Wm. Stanton..Ky.
Casper, Wm. Michael....Ind.	Randall, Jas. Albert.....Fla.
Cochran, Wm. Alfred....Tex.	Ratts, Arthur Dolan.....Ill.
Coogle, Marshall.....Ky.	Royalty, Hubert Evan....Ky.
Cope, Clinton Casper....Ind.	Russ, Roderick Seal....Miss.
Corley, Wm. B.....Ky.	Rutherford, Grover C..W. Va.
Collier, Eldred.....La.	Schumacher, Geo. M.....Ind.
Deitrich, Frank Casper....Ky.	Sears, Jas. Wesley.....Ky.
Fordyce, Murat T.....Ala.	Seebach, Oscar C.....Minn.
French, Newton Bishop...Va.	Selden, Jos. Luther.....Ala.
Hampton, Garland.....Okla.	Smith, Oscar Longee....Tex.
Haworth, Jas. Leslie.....Ind.	Steele, Andrew John.....Ky.
Hawthorne, Jos. C.....Tex.	Stephenson, Ira Sanford...Ky.
Hook, Frank.....Ky.	Sullivan, Jno. Frank.....Ky.
Howard, Clinton C.....Ala.	Tate, Arthur Benj.....Ky.
Hines, William.....Ky.	Thomson, Geo. Wash.....Ky.
Johnson, Elberg N.....N. Y.	Vincent, Henry C.....Ky.
Johnson, Wallace.....W. Va.	Walters, Harry Irving....Ky.
Long, B. H.....Ky.	Wilcoxson, Bion L.....Ky.
Long, Dallas Crutcher....Ky.	Wunsch, Chester Lewis...Ky.
Lowdenbach, Bernard B...Ky.	Watkins, Kindred M.....Tex.

Total, 216.

Academies

Belonging
to

THE UNIVERSITY.

CENTRE COLLEGE ACADEMY.

FACULTY.

LESLIE CARROLL BOSLEY, A. M., LL. B., *Principal*.

HUGH BERRY FLEECE, B. S., *Instructor*.

HENRY ALEXANDER WISE, B. S., *Instructor*.

The Centre College Academy, at Danville, has for a number of years been the recognized preparatory school for Centre College. The work done in the Academy is so designed that the student can take up the College work without conditions. Not only are all the requirements for entrance fully complied with, but in some branches the Freshman work in the College is practically a review for the graduate of the Academy.

It is the aim of the instructors not only to prepare the student thoroughly for College, but to inspire him with an ambition to complete his education. The increasing demand for educated men is kept constantly before his mind.

The thoroughness of the work of the Academy is attested by the fact that many of the most prominent alumni of the College have here received their elementary training. In recent years many of the College prizes have been won by the Academy students.

Building.

The Academy building is a large two-story brick structure with the very best ventilation and light. It is furnished with single desks, globes, maps and other appliances. The yard affords an ample exercise ground for students.

Tuition.

The tuition, payable in advance, for each term of five months, is \$22.50 in the Third year; \$20.00 in the Second, First and Sub-Preparatory years; and \$17.50 in the Primary Department.

Discipline.

The teachers in the Academy have, by long experience, found

that appeals to the pride and reason of a student will almost always prevail, and only in extreme cases are severe disciplinary measures resorted to. Respect for instructors is demanded. Regular attendance is insisted upon, and absence from recitations is immediately reported to the parent or guardian. Any infringement on the rights of fellow-students, or the use of obscene language on the ground, is promptly punished. It is the aim of the Faculty to cultivate in all students the essentials of Christian manhood.

Gymnasium.

As a systematically developed body is of prime importance to every man, the students are encouraged to take advantage of the systematic drill in physical culture offered by the College Gymnasium. The Academy students are under the supervision of the College physical director. They have access to bowling alleys, bath-rooms and the College Library without extra expense.

OUTLINE OF COURSES OF INSTRUCTION.

Classical Course.

First year.

Semester One.

Latin. Grammar and Lessons, 1.....	5 hours
Mathematics. Arithmetic, review, 11.....	5 hours
English. Grammar and Elementary Composition, 17.....	5 hours
History. Greek and Roman, 23.....	5 hours

Semester Two.

Latin. Grammar and Reading, 2.....	5 hours
Mathematics. Elementary Algebra, 12.....	5 hours
English. American Literature and Composition, 18.....	5 hours
History. Greek and Roman, 23.....	5 hours

Second Year.

Semester One.

Greek. Grammar and Lessons, 7.....	5 hours
Latin. Cæsar and Composition, 3.....	5 hours
Mathematics. Algebra, 13.....	5 hours
English. Rhetoric and English Literature, 19.....	5 hours

Semester Two.

Greek. Lessons and Anabasis, 8.....	5 hours
Latin. Cæsar and Composition, 4.....	5 hours
Mathematics. Algebra completed, 14.....	5 hours
English. Rhetoric and English Literature, 20.....	5 hours

Third Year.

Semester One.

Greek. Anabasis and Composition, 9.....	4 hours
Latin. Vergil and Composition, 5.....	4 hours
Mathematics. Plane Geometry, 15.....	4 hours
English. English Literature. History, 21.....	4 hours
Science, 26.....	4 hours

Semester Two.

Greek. Anabasis and Composition, 10.....	4 hours
Latin. Cicero, 6.....	4 hours
Mathematics. Plane Geometry completed, 16.....	4 hours
English. Literature and Composition, 22.....	4 hours
Science, 27.....	4 hours

Scientific and Modern Language Courses same as above, except that German, 28, 29, 30, 31, is substituted for Greek, 7, 8, 9, 10.

Sub-Preparatory Year.

Semester One.

Arithmetic	5 hours
English Grammar.....	5 hours
U. S. History.....	5 hours
Geography	5 hours

Semester Two.

Arithmetic	5 hours
English Grammar and Reading.....	5 hours
U. S. History.....	5 hours
Civics	5 hours

English Course.

First Year.

Semester One.

Mathematics. Arithmetic, Review, 11.....	5 hours
English. Grammar and Elementary Composition, 17....	5 hours
History. Greek and Roman, 23.....	5 hours

Semester Two.

Mathematics. Elementary Algebra, 12.....	5 hours
English. American Literature and Composition, 18.....	5 hours
History. Greek and Roman, 23.....	5 hours

Second Year.

Semester One.

German. Grammar and Lessons, 28.....	5 hours
Mathematics. Algebra, 13.....	5 hours
English. Rhetoric and English Literature, 19.....	5 hours
History. English, 24.....	5 hours

Semester Two.

German. Grammar and Reading, 29.....	5 hours
Mathematics. Algebra completed, 14.....	5 hours
English. Rhetoric and English Literature, 20.....	5 hours
History. English, 25.....	5 hours

Third Year.

Semester One.

German. Reading and Composition, 30.....	4 hours
Mathematics. Plane Geometry, 15.....	4 hours
English. English Literature. History, 21.....	4 hours
Science, 26.....	4 hours

Semester Two.

German. Reading and Composition, 31.....	4 hours
Mathematics. Plane Geometry completed, 16.....	4 hours
English. Literature and Composition, 22.....	4 hours
Science, 27.....	4 hours

DESCRIPTION OF COURSES OF INSTRUCTION.

I. LATIN.

1. *Grammar and Lessons*. Special attention to pronunciation; mastery of forms; declensions and conjugations. Text-book: Collar & Daniells' First Latin Book.

2. *Lessons and Reading*. The time will be devoted to completion of first book and the reading of some easy Latin. Text-books: Collar & Daniells' First Latin Book, New Gradatim, Collar's Gate to Cæsar.

3 and 4. *Cæsar and Composition*. First four books of Cæsar, with constructions and drill on subjunctives, conditions, etc. Composition and grammar. Text-books: Allen & Greenough's New Cæsar, Allen & Greenough's Latin Grammar, Moulton's Composition.

5. *Vergil and Composition*. First and sixth Books of Vergil, with scanning and composition. Text-books: Greenough & Kittredge's Vergil, Moulton's Composition, Allen & Greenough's Latin Grammar.

6. *Cicero*. Two Orations of Cicero. Text-books: Allen & Greenough's New Cicero, Allen & Greenough's Latin Grammar.

II. GREEK.

7. *Lessons*. Time is devoted to drill on pronunciation, accent, and to the mastery of forms by translating Greek into English and English into Greek. Text-book: White's First Greek Book.

8. *Lessons and Anabasis*. The First Greek book is completed and three chapters of First Book of Anabasis are read; daily drill on forms. Text-books: Goodwin & White's Anabasis, Goodwin's Greek Grammar.

9 and 10. *Anabasis and Composition*. Remainder of First Book, with Second, Third and Fourth Books of Anabasis, with grammar and composition. Text-books: Goodwin & White's Anabasis, Goodwin's Greek Grammar and Pearson's Greek Prose.

III. MATHEMATICS.

11. Time is devoted to a thorough review of the practical principles of Arithmetic. Percentage, interest, involution, etc.,

with daily drill in Mental Arithmetic. Text-books: White's Complete Arithmetic, Stoddard's Intellectual.

12. *Algebra*. Study of Elementary Algebra. Text-book: Wentworth's First Steps in Algebra.

13 and 14. *Algebra*. Algebra completed through Quadratics. Text-book: Wentworth's New School Algebra.

15 and 16. *Geometry*. Plane Geometry. Four books, with original propositions. Text-book: Wells' Essentials.

IV. ENGLISH.

17. Analysis of sentences, conjugations of the verb and drill on the parts of speech. Text-books: Reed & Kellogg's Higher Lessons in English.

18. Three recitations of each week will be devoted to study of American literature, biography of American authors, interpretation of the subject matter, two recitations to composition work, outlines, etc. Text-books: Masterpieces of American Literature, First Book in Writing English.

19 and 20. *Rhetoric and Literature*. The figures of rhetoric will be impressed upon the mind of the pupil by pointing out such figures as may appear in selections read, in conjunction with the text. Text-book: Hill's Elements of Rhetoric, Selections from English Literature.

21 and 22. *English Literature*. With the History of English Literature, collateral reading selected by the instructor, and composition work discussed by class. Text-book: Painter's Introduction to English Literature.

V. HISTORY.

23. *Ancient*. History of Greece and Rome. Text-book: Myers' Ancient History.

24 and 25. *English*. Text-book: Montgomery's English History.

VI. SCIENCE.

26 and 27. *Physical Geography*. Text-book: Tarr's Elementary Physical Geography.

VII. GERMAN.

28 and 29. *Lessons*. The time will be devoted to practice in pronunciation and mastery of declensions and conjugations, with translations from English into German and from German into English. Text-book: Bierwirth's Beginning German.

30 and 31. *Reading and Composition*. To increase the vo-

cabulary of the student, selections of easy German will be read, with composition work one recitation each week. Text-books: Grimms' Märchen, Hauff's Tales, Storm's Immensee, Thomas' German Grammar.

SUB-PREPARATORY YEAR.

This course is arranged for those not prepared to do academy work, and affords a thorough drill in the public school branches.

Text-books: White's Complete Arithmetic, with mental drill; Faye's Complete Geography, with map drawing, etc.; Montgomery's United States History, Civil Government and spelling, oral and written.

This course is well adapted to teachers wishing to prepare for public school work.

STUDENTS IN THE ACADEMY.

FIRST GRADE.

Bowling, Roscoe.....	Marcellus
Caldwell, Peter Gentry.....	Danville
Caldwell, William Preston.....	Danville
Cecil, Granville Welsh.....	Danville
Coffey, Ernest Herrington.....	Danville
Collier, Wilbur.....	Danville
Collins, Robert Graham.....	Shelbyville
Cook, Simeon Gaines.....	Danville
Crawford, Archibald	Athol
Duncan, John Proctor.....	Danville
Durham, Milton Mitchell.....	Danville
Eastland, Aurelius.....	Danville
Faulconer, Elijah Potter.....	Danville
Goble, Curtis.....	Chrisney, Ind.
Hale, Denton Woodbury.....	Danville
Hume, Edgar Edward.....	Frankfort
Krichbaum, Carroll Eckel.....	Danville
Lanier, Isaac.....	Danville
Lanier, Addison.....	Danville
Lee, Madison Johnson.....	Danville
Lee, David Rowland.....	Danville
McConnell, Edward Ford.....	Danville
McClure, Francis Jasper.....	Danville
McCormack, Maurice Abney.....	Lexington
Montgomery, Bradley.....	Paint Lick
Oh Keung Sun.....	Kun San, Korea
Patton, Hervey Herd.....	Bryantville
Pope, George Leslie.....	Danville
Rose, Samuel J.....	Marcellus
Ross, Dill Shepard.....	Gray
Smith, Louis Huggins.....	Shelbyville
Stahel, Lisle Conrad.....	Danville
Thurmond, William Helm.....	Danville
Tucker, Lewis Orville.....	Parksville
Voris, Hugh.....	Burgin
Wallingford, Joseph Walker.....	Mt. Carmel
Walters, Charles Everett.....	Clark

SECOND GRADE.

Adams, Martin Lillard.....	Danville
Bethel, James Worthington.....	Danville
Bright, Eugene Whitley.....	Danville
Engleman, Madison Allen.....	Danville
Gilcher, Frank Neutzel.....	Danville
Hayes, Samuel	Danville
Lanier, Raymond Lanier.....	Danville
Montfort, John Warren.....	Danville
Patton, George.....	Marcellus
Pence, Homer Lee.....	Marcellus
Pence, George Vest.....	Marcellus
Tucker, Clarence Edgar.....	Parksville
Woodcock, George Barnes.....	Danville

THIRD GRADE.

Anderson, William Clayton.....	Danville
Bright, Robert.....	Danville
Caldwell, William Logan.....	Danville
Davis, Jackson Curry.....	Danville
Holsclan, John William.....	Danville
Lee, James Ambrose.....	Danville
McClure, William Crooks.....	Danville
Parks, Hope Parks.....	Danville
Quisenberry, Thomas Edwin.....	Danville
Reid, Horace Withers.....	Danville
Seay, Cecil.....	Atoka
Tevis, Henry Lloyd.....	Shelby City
Wilson, James Henry.....	Danville
Woodcock, William Henry.....	Danville

PRIMARY DEPARTMENT.

Eastland, Thomas Durham.....	Danville
Haselden, Armsted Swope.....	Danville
McAfee, William Edelen.....	Shelby City
McAfee, James Clifton.....	Shelby City
McConnell, James Hasting.....	Danville
McDowell, Samuel.....	Danville
McDowell, Miles Saunders.....	Danville
McDowell, Charles McElroy.....	Danville
Rue, George Welsh.....	Danville
Worthington, Charles Thomas.....	Danville

Total, 73.

**LEES COLLEGIATE INSTITUTE,
JACKSON, KENTUCKY.**

FACULTY.

MARTIN LUTHER GIRTON, M. A., President.
JOSEPH F. LUKENS, M. A., Normal Department.
AMY VIRGINIA CALDWELL, Collegiate Department.
SUE EULALIA REESE, Intermediate Department.
LOUISE CALDWELL, A. B., Primary Department.
EVELYN BYRD RAY, Piano and Voice.
MYFANWY DAVIS, McCormick Chapel School.
MRS. M. L. GIRTON, Matron.

Location.

Jackson, the county-seat of Breathitt county, and a central point in the mountain region, is healthfully situated on the north fork of the Kentucky river. Easy communication with the large cities is afforded by means of the Lexington & Eastern Railway, through Winchester and Lexington.

The people of Jackson are heartily in sympathy with the work of the school and give both students and teachers cordial welcome to their homes. No less cordial is the invitation extended by the churches, and the students attend the services freely and take part in the young people's meetings.

The town, being a collecting and distributing point for a number of the surrounding counties, has many business interests in addition to the handling of large quantities of coal and lumber. Two branch railroads lead to rich mining and timber districts.

Progress.

In 1891 the institution passed under the control of the Central University. In 1897, thanks to the generosity of Mrs. S. P. Lees, Mrs. N. F. McCormick and other friends, great improvements were made in the building and equipment. The name

was then changed to "The S. P. Lees Collegiate Institute."

The session of 1899-1900 brought other notable additions to the work, in the equipment by Mrs. McCormick of the departments of Manual Training and Domestic Science, the establishment of an electric light plant, the erection of the McCormick Chapel and the opening of the McCormick Free School. The session of 1900-1901 added an excellent chemical equipment, the gift of Mr. Stanley McCormick, and also through the aid of Mrs. McCormick a complete outfit of tables, stools and instruments for a thorough course in free-hand and mechanical drawing.

Material progress has been accompanied by steady growth in attendance and influence, until the institute is now the most potent factor in the educational and moral life of the whole region. All but a very few of the nearly one hundred teachers of Breathitt county were educated within its walls.

Equipment.

The main building is attractive and roomy. It contains a chapel with 400 individual seats, nine large recitation rooms, the manual training shop, an office, and a library, all opening on large halls. The shop is furnished with tools, lathes, drill, fret-saw, and forge, and electric lights for dark afternoons; the sewing room, with individual tables and sewing machines; the cooking room, with ample outfit of utensils and dishes. There is a dormitory for girls, lighted by electricity. This, in brief, constitutes the material equipment of the Institute.

The buildings are surrounded by grounds which afford opportunity for outdoor games.

Organization.

- I. The Academic Department, in Primary, Intermediate and Collegiate grades.
- II. The Normal Department.
- III. The Business Course.
- IV. The Department of Music.
- V. The McCormick School of Manual Training and Domestic Science.
- VI. The McCormick Chapel Free School.
- VII. The Boarding Department.

Expenses.

The session is divided into two terms, beginning September 4 and January 1. All fees are payable in advance. Charges are as follows:

	From Sept.	From Jan.
Primary	\$10 00	\$ 6 00
Intermediate	15 00	9 00
Collegiate	20 00	12 00
Normal	20 00	12 00
Stenography	30 00	18 00
Typewriting	8 00	5 00
Music	30 00	15 00
Board.....	\$2.00 per week.	

For further information apply to

LEES COLLEGIATE INSTITUTE,
Jackson, Ky.

L. H. BLANTON, D. D., LL. D.,
Vice President Central University,
Danville, Ky.

STUDENTS IN LEES COLLEGIATE INSTITUTE.

Allen, Adna	Clark, Annie
Allen, Isabell	Clark, John
Arrowood, George	Clark, Myrtice
Arrowood, Jasper	Clark, Thomas
Back, Alberta	Clemons, James
Back, America	Cockrell, Samuel
Back, Edith	Collins, Balis
Back, Evalece	Combs, Alice
Back, Grannis	Combs, Bertie
Back, Herschel	Combs, Hattie
Back, Kelly	Combs, Maude
Back, Laura	Combs, Norman
Back, Maude	Combs, Oscar
Back, Roscoe	Combs, Sylvania
Back, Seldon	Combs, Willis
Back, Wilgus	Combs, Minta
Baker, William	Cope, Ethel
Beuris, Charles	Cope, Fred
Beuris, Hargis	Cope, Lizzie
Begley, Nancy	Cope, Maude
Blanton, Bertha	Cope, Mrs. William*
Blanton, Harrison	Cope, Robert
Boggs, Lisle	Cox, Edward
Boling, Herbert	Cox, Lucy
Boling, Eliza	Crawford, Bertie
Bowman, Calla	Crawford, Emma
Bradshaw, Genie	Crawford, Pierce
Brophy, Mary	Cundiff, Price
Brophy, Joseph	Dalton, Ada
Brophy, Nellie	Davidson, Callie
Brophy, Winifred	Davidson, Martha
Bryant, Fred	Davidson, Neversty
Byrd, Bertha	Davidson, Jackson
Campbell, Eliza	Davidson, Sarah
Cardwell, Eddie*	Davis, Arthur
Cardwell, Edward	Davis, Flossie
Cardwell, Price	Davis, Grace
Centers, Alexander	Davis, Gypsy
Centers, Harvey	Davis, Mattie

Davis, Myfanwy*	Hurst, Myrtle
Davis, Vyolette	Hurst, Pauline
Dean, Troy	Hurst, Vernia
Deaton, Luther	Hurst, Viola
Dickson, Mrs. C. B.*	Hounshell, Richard
Drake, Bertha	Jameson, Bertha
Duff, Carolee	Johnson, Annie
Flenor, Wilmer	Johnson, Arthur
Ford, Frank	Johnson, Malvery
Ford, Helen	Johnson, Noah
Ford, Mary	Jones, Willie
Ford, Robert	Kelman, Lena
Forbes, Robert	Kelman, Rachel
Frazier, Hattie	Kelman, Rosalee
Frazier, Ida B.	Kelman, Samuel
Frazier, Mary	Landrum, Cora
Gabbard, James	Landrum, Lizzie
Gambille, Edward	Landrum, Mattie
Gambille, George	Lang, Leonard
Gibson, Ansel	Little, Floyd
Girton, Mrs. M. L.*	Little, Granville
Gose, Arvle	Little, Eliza
Graves, Cave	Lunceford, Rissie
Hagins, Maggie	Lyon, Addie
Hagins, Millie	Lyon, Eugene
Harris, Henry	Lyon, Samuel
Harris, Robert	Lyon, William
Harris, Effie	McGuire, Josephine
Hayes, John	McIntosh, Edward
Hayes, Olen	Miller, Drusilla
Head, Mrs. Joseph*	Moore, Edward
Herald, John	Moore, Esau
Herald, Emma Lee	Moore, P. Watt
Herald, Richard	Mullins, Edward
Hudson, Adam	Murphy, Margaret
Hudson, Eve	Myers, Vernon
Hudson, Bertha	Newland, Clarence
Hudson, Rachel	Newland, Ernest
Holland, Minta	Newland, Mattie
Hurst, Ethel	Newland, Joseph
Hurst, Lily*	Noble, Annie Lee

Noble, Clarence	Snowden, Raymond
Noble, James	Spencer, Bess*
Offutt, William	Stacy, B. J.
Offutt, Irvine	Stacy, Gora
Patton, Mrs. A. H.*	Stacy, J. E.
Patton, Roy	Stacy, Wayne
Patton, Jessie	Strong, Priscilla
Patrick, Alfred	Sturdivent, Robert
Pence, Angeline	Taulbee, Eliza
Peters, Mary	Taulbee, Emma Jane
Peters, Roberta	Taulbee, Liza M.
Pollard, Olie	Taulbee, Margaret
Powell, Sarah	Taulbee, Marvin
Rader, Minta	Taulbee, May
Reese, Sue E.*	Terry, Cappa
Riley, Ruth	Terry, Ruth
Rose, Cleveland	Terry, Joseph
Rose, Gertrude	Turner, Alice
Rose, Maude	Turner, Irvine
Rose, Venal	Turner, Martha
Robinson, Kelly	Turner, Rosa Lee
Roberts, Sarah	Turner, Sherman
Salley, Lulu	Turner, Willie
Salyer, Minta	Walch, Eddie
Sebastian, Archie	Watts, Carrie
Sewell, Benamin	Watts, H. S.
Sewell, Eva	Watts, Kelly
Sewell, Lizzie	Wells, Lillie
Sewell, Nancy	Whitaker, Thomas
Shepherd, Solomon	Whitaker, Willie
Shockey, Jesse	Whitaker, Bertie
Short, America	Williams, Sewell
Smith, Lizzie	Wolffe, Fannie
Smith, Mary	Wooton, Nancy
Smith, Willie	Wooton, Willie
Snowden, Elsie	Wooton, Samantha Jane
Snowden, Maggie	

STUDENTS IN THE McCORMICK CHAPEL SCHOOL.

Barnett, Grace	Barnett, Susie
Barnett, Jasper	Bowling, Bryan

Bowling, Herbert	Edwards, Charlie
Bowman, Lily	Edwards, David
Brewer, Sarah	Edwards, Edward
Bush, Lena	Edwards, Elvira
Bush, David	Edwards, Eva
Bush, Nancy	Edwards, Haddix
Centers, Ben	Edwards, Gertrude
Childers, Blair	Ewen, Bruce
Childers, James	Ewen, Jennie
Childers, Eugene	Ewen, Katie
Childers, Lena	Ewen, Walter
Childers, Price	Fain, Claud
Childers, Taylor	Flinchum, Charlie
Collins, Bertha	Flinchum, Belle
Collins, Charles	Frazier, Ella
Collins, Nellie	Frazier, Hattie
Collingsworth, Carrie Lee	Frazier, Willie
Collingsworth, Charlotte	Franklin, Richard
Collingsworth, Eliza	Fugate, Henry
Collingsworth, Henry	Green, Thomas
Collingsworth, Riley	Green, Willie
Collingsworth, Sarah	Guinn, Lily
Coldiron, Mary	Haddix, Edward
Coldiron, Emma	Haddix, James
Coldiron, Izzie	Haddix, Joanna
Cockrum, James	Hayes, Robert
Cornett, Ollie	Hensley, Wesley
Cornett, George	Johnson, Gertrude
Crittenden, Margaret	Johnson, Hargis
Crittenden, John	Johnson, Lizzie
Cox, Ida	Johnson, Samuel
Cox, Stella	Lee, Alfred
Cox, Odie	Lee, Vernon
Davis, Arthur	McGraw, Paris
Davis, Charlie	Mann, Dora
Davis, Maud	Messer, Maud
Davis, Minnie	Miles, Amanda
Deaton, Dora	Miles, Lillian
Deaton, Floyd	Miles, Nannie
Dunn, Edgar	Miller, James
Edwards, Archie	Miller, Wilburn

Miller, Rebecca	Simkins, Alfred
Munsey, Grace	Simkins, Gertrude
Noble, Clarence	Tate, Lizzie
Noble, Hazel	Tate, Mertice
Noble, Lawrence	Walch, Eddie
Osborn, Carl	Wells, Lily
Riley, Evalee	Wright, Kelly
Riley, Ruth	Wolfe, Callie
Robinson, William	Wolfe, Myrtle

SUMMARY.

Lees Collegiate Institute.....	234
McCormick Chapel School.....	104
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Total	338

HARDIN COLLEGIATE INSTITUTE,
ELIZABETHTOWN, KENTUCKY.

CALENDAR.

1905-1906.

September 12—First term begins.

December 23 to January 1—Christmas holidays.

January 20—First term closes.

January 23—Second term begins.

February 24—Annual Entertainment.

May 26—Commencement.

FACULTY.

J. E. AUSTIN, B. A., Principal, *English, Latin and History.*

To be Supplied—*Mathematics and Science.*

MISS MARY JOHNSTON, *Elocution.*

MISS BELLE ENGLISH, *Music.*

MRS. M. H. BAILEY, *Matron.*

History.

The Hardin Collegiate Institute, of Elizabethtown, was established in 1892 by the Central University of Kentucky as a high grade preparatory school for boys, but two years later it was deemed wise to offer the advantages of the school to girls also, and since then there has been about an equal number of each. A beautiful site of seven acres was secured just outside of the city limits, and a well appointed building, costing fifteen thousand dollars, was erected. The grounds and building were the result of the munificence of the people of Elizabethtown, who have ever been alive to the interests of the school, and are always kind and courteous to pupils from a distance. In 1901 the increasing partonage of the school rendered it necessary to build a temporary dormitory for the boarding pupils; this hall, erected at a cost of four thousand dollars, is a model of convenience, and here the boarding pupils find as safe and comfortable a home as can be had at any similar institution in the State. The Institute, while doing a good work from the first, has during the past three years enjoyed a wider degree of usefulness and popularity than before. The school has been under its present management for four years, and it is gratifying to state that each year there has been a gain both in the number of pupils in attendance and in the work accomplished. The one aim of the school is to merit the esteem and confidence of its friends and patrons.

Location.

Elizabethtown is the capital of one of the best counties

of the State, and is favorably located on the L. & N. Railroad, forty-one miles south of Louisville.

Expenses.

The charges of the school have been made uniform, and are as low as any similar school in the state; they are such as not to admit of any reduction. The entire expenses of pupils staying all the time will be \$58.50 per term, or \$117 per year, while those of pupils staying from Monday till Friday will be \$45 per term, or \$90 per year.

Table of Expenses.

Tuition per term.....	\$18 00
Board from Monday to Friday.....	1 50
Board for entire week.....	2 50
Elocution per month.....	3 00
Music per month.....	4 00

When tuition is paid by the week, it is reckoned at the rate of \$1.15. The laboratory fee for students in chemistry is \$5 each.

Board is payable at the end of each month; tuition, quarterly in advance.

STUDENTS IN HARDIN COLLEGIATE INSTITUTE.

Beeler, Elizabeth.....	Elizabethtown
Brackett, Guy.....	Upton
Brashear, Myrtle.....	Elizabethtown
Brooks, Eunice.....	Elizabethtown
Bruner, Ruth.....	Elizabethtown
Bush Virgil.....	Elizabethtown
Cates, Elizabeth.....	Elizabethtown
Chelf, Glovie.....	Elizabethtown
Clarke, Robert.....	Tunnel Hill
Cofer, Ella.....	Elizabethtown
Davitt, Ray.....	Tunnel Hill
Duvalle, Lura.....	Elizabethtown
Dyer, Bessie.....	Elizabethtown
Dyer, Florence.....	Elizabethtown
English, Marguerite.....	Elizabethtown
English, Ella.....	Elizabethtown
English, Mary.....	Elizabethtown
Farleigh, Murray.....	Elizabethtown
Gabbert, Lelia.....	Elizabethtown
Gabbert, Mabel.....	Elizabethtown
Goodin, Herman.....	Roanoke
Gray, James.....	Elizabethtown
Hargie, Oscar.....	Elizabethtown
Hill, Strickler.....	Elizabethtown
Huffman, Callie.....	Stithton
James, Roy.....	Elizabethtown
Jenkins, Carrie.....	Tunnel Hill
Keith, Lonnie.....	Elizabethtown
Keller, Elizabeth.....	Elizabethtown
Lyon, Dandridge.....	Elizabethtown
Macy, Burton.....	Vine Grave
McWilliams, Ross.....	Howels Creek
Olcott, Clara Louise.....	Elizabethtown
Ozias, Mary.....	Elizabethtown
Patterson, Garvie.....	Elizabethtown
Pierson, Ora.....	Celilian
Riggs, Myrtle.....	Sonora

Ross, Esther.....	Elizabethtown
Runyan, Hattie.....	Elizabethtown
Russell, Otie.....	Elizabethtown
Seymour, Roy	Elizabethtown
Seymour, Lillie.....	Elizabethtown
Smith, Virginia.....	Glendale
Stith, Arthur.....	Elizabethtown
Sutzer, Albert.....	Stephensburg
Sutzer, Ella.....	Stephensburg
Sweets, Minnie May.....	Elizabethtown
Tabb, Joseph.....	Elizabethtown
Terry, Gladys.....	Elizabethtown
Watkins, Philip.....	Elizabethtown
Whitehead, Guy.....	Rineyville
Yeager, Christine.	Elizabethtown
Young, Sarah.....	Elizabethtown

Total, 53

GENERAL SUMMARY OF ATTENDANCE.

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	1261
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Total	1243

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